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Cy. 1

February 20, 1958

To: Members of the Internal Dose Subcommittee
of the National Subcommittee on Radiation Protection

Karl Z. Morgan, Chairman
Austin M. Brues
Patricia W. Durbin
G. Failla
Jack Healy
Leonardias D. Marinelli
John E. Rose
Shields Warren
Lauriston S. Taylor

Re: BIBLIOGRAPHY FOR THE BIOLOGICAL DATA FOR THE REVISIONS OF THE NATIONAL SUBCOMMITTEE HANDBOOK ON INTERNAL DOSE

On October 24, 1957, I submitted for your study the tentative biological data used in calculating the q and MPC values for 229 radioisotopes. I now am pleased to forward for your review the bibliography for these data. Because I realize that I have not covered completely the literature and perhaps have omitted many excellent references, I would appreciate all suggestions and additions. The references are listed with complete titles, authors, journals, books, and dates, and indexed by authors and subjects.

During the summer of 1956 Mr. Carl Bentzel from the University of Alabama Medical School assisted in compiling these references.

We appreciate your cooperation, assistance and interest, and will look forward to hearing from you.

Sincerely,

Mary Jane Cook

(Miss) Mary Jane Cook
Health Physics Division

cc: A. M. Weinberg
R. A. Charpie
C. E. Dunham
H. D. Bruner
R. M. Seivert
E. G. Struxness
H. P. Yockey
C. S. Shoup
W. S. Snyder
M. R. Ford
J. R. Muir
M. G. Wright

MJC:sk

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To: Members of the Internal Dose Subcomittee
of the International Commission on Radiological Protection

Karl Z. Morgan, Chairman, U. S.
Walter Binks, U. K.
Austin M. Brues, U. S.
Wright H. Langham, U. S.
Leonardias D. Marinelli, U. S.
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Mazanori Nakaidzumi, Japan
G. J. Neary, U. K.
M. N. Pobedinski, Russia
E. Eric Pochin, U. K.
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BIBLIOGRAPHY FOR BIOLOGICAL DATA

Ab-1 Abrams, Richard, Henri C. Seibert, A. M. Potts, L. L. Forker, David Greenberg, S. Postel and W. Lohr
Metabolism and Distribution of Inhaled Plutonium in Rats
CH-3655 or MDDC-677 (October, 1946)

Ab-2 Abrams, Richard, Henri C. Seibert, Lyman Forker, David Greenberg, Hermann Lisco, Leon O. Jacobson and Eric L. Simmons
Acute Toxicity of Intubated Plutonium
CH-3875 (June, 1946)

Ab-3 Seibert, Henri C. and Richard Abrams
Acute Toxicity of Inhaled 275-Day Cerium-144
MDDC-329 or CH-3539 (July 25, 1946)

Ab-4 Abrams, Richard, Henri Seibert, A. M. Potts, W. Lohr and S. Postel
Metabolism of Inhaled Fission Product Aerosols
MDDC-248 or CH-3485 (1946)

Ab-5 Barron, E.S.G., Richard Abrams, R. D. Finkle and R. P. Rhoades
Effect of Plutonium on Tissue Metabolism of Rats
MDDC-1653 or CH-3849 (June, 1946)

Ab-6 Dailey, Mary, Irving Wender and Richard Abrams
Tracer Studies with Inhaled 1.0 Year Ruthenium
CH-3325 (1945)

Ab-7 Dailey, Mary, Irving Wender and Richard Abrams
Tracer Studies with Inhaled Eight-Day Iodine
CH-2777 (1945)

Ac-1 Arnold, James S.
Exhibit - Radioautographs of U^{233} in Bone and Soft Tissue
AECD-3176 (March, 1951)

Ac-2 Arnold, James S.
Calcium Metabolism of Growing and Mature Bone
Proceedings of the Federation of American Societies for Experimental Biology 11: 5-6 (1952)

Ac-3 Arnold, James S. and W.S.S. Jee
Ion Exchange and Recrystallization in Fixation of Calcium-45 in the Rabbit Skeleton
Proceedings of the Society for Experimental Biology and Medicine 85: 658-683 (1954)

Ac-4 Arnold, J. S., B. J. Stover and M. A. Van Dilla
Failure of Y^{90} to Escape from Skeletally-Fixed Sr^{90}
Proceedings of the Society for Experimental Biology and Medicine 90: 260-263 (1955)

Ac-5 Stover, Betsy J., D. R. Atherton and James S. Arnold
Comparative Metabolism of Ca^{45} and Ra^{226}
Proceedings of the Society for Experimental Biology and Medicine 94: 269-272 (1957)

Ac-6 and 7 See ADDITIONS

Ack-1 Ackermann, Phillip G. and K. Iversen
Radio-Iodine Excretion in the Aged
Journal of Gerentology 8: 458-464 (1953)

Ack-2 Ackermann, Phillip G. and Gelson Toro
Calcium and Phosphorus Balance in Elderly Men
Journal of Gerentology 8: 289-300 (1953)

Ad-1 Levene, Martin B., Gould A. Andrews and Ralph Kniseley
Large Doses of Iodine-131 in Dogs; Radiation Dosage Correlated with Histologic and Autoradiographic Changes
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 73: 88-97 (January, 1955)

Ae-1 Albert, Roy E. and Lawrence C. Arnett
Clearance of Radioactive Dust from the Human Lung
A.M.A. Archives of Industrial Health 12: 99-106 (July, 1955)

Ag-1 United States Department of Agriculture. Agriculture Handbook 52.
Agricultural Marketing Service, Washington, D.C. October, 1955.
Consumption of Food in the United States, 1909 - 1952. Supplement for 1954.

Ag-2 United States Department of Agriculture. Yearbook of Agriculture, 1939.
Food and Life.

Ah-1 Abrahmson, L., M. H. O'Connor and M. L. Abrahmson
Bilateral Alveloar Lung Carcinoma, Associated with the Injection of Thorotrast
Irish Journal of Medical Science 6: 229-235 (1950)

Ai-1 Aikawa, Jerry K., Aaron J. Blumberg and Duane A. Catterson
Distribution of Mercury-203 Labeled Mercaptomerin in Organs of Normal Rabbits
Proceedings of the Society for Experimental Biology and Medicine 89: 204-206 (June, 1955)

Ai-2 Aikawa, Jerry K., George T. Harrell and Bernard Eisenberg
The Exchangeable Potassium Content of Normal Women
Journal of Clinical Investigation 31: 367-369 (1952)

Ak-1 Araki, Masaya; Takeshi Yonezawa; Shinto Chin; Masami Kuga; Nobuo Shimada; Ryohei Yoshioka
Investigation of Calcium Metabolism with the Aid of Radioactive Calcium
Annual Report of the Research Committee on the Application of Artificial Radioactive Isotopes in Japan. Vol 1: Part 2 37-46 (1951)

Al-1 Altman, K. I., G. Casarett, T. R. Noonan and K. Solman
Distribution on Rat Tissues of the Methylene Carbon Atom of Glycine Labeled with Carbon-14
UR-52 or AECU-77 (December, 1948)

Alb-1 Albritton, Errett C., Editor
Standard Values in Blood
Air Force Technical Report Number 6039 (July, 1951)

Am-1 Amory, H. E. and R. F. Bunch
Perivascular Injection of Thorotrast and Its Sequelae
Radiology 51: 831-839 (1948)

Amp-1 Amprino, Rodolfo
Autoradiographic Analysis of the Distribution of Labeled Calcium and Phosphorus in Bones
Experientia 8: 20-22 (1952)

Amp-2 Amprino, Rodolfo
On the Incorporation of Radiosulfate in the Cartilage
Experientia 11: 65-67 (1955)

Amp-3 Amprino, Rodolfo
Autoradiographic Research on the S^{35}-Sulphate Metabolism in Cartilage and Bone Differentiation and Growth
Acta Anatomica 24: 121-163 (1955)

An-1 Anderson, Ernest C. and Ernest A. Pinson
Preliminary Report on Human Excretion of Tritium
LAMS-1099 (April, 1950)

An-2 Pinson, Ernest A. and Ernest C. Anderson
Absorption, Distribution and Excretion of Tritium in Men and Animals
AECU-937 or LADC-867 (Issued by TID November 24, 1950)

An-3 Anderson, Ernest C., Robert L. Schuch, J. D. Perrings and Wright H. Langham
A Whole Body Gamma Counter for Human Subjects
LA-1717 (1955)

An-4 Trujillo, T.T., E. C. Anderson and W. H. Langham
Biological Effects of Inhalation of High Concentrations of Tritium Gas
LA-1986 (1956)

An-5 Woodward, K. T., T. T. Trujillo, R. L. Schuch and E. C. Anderson
Correlation of Total Body Potassium with Body-Water
Nature 178: 97-98 (1956)

An-6 See ADDITIONS

Ao-1 Allen, Roberta, Geraldine Bonner, Arnold Sparks, William Neuman, James K. Scott and George Kosel
Distribution and Excretion of a Soluble Beryllium Compound Using Beryllium-7 as a Tracer
UR-35 or AECD-2104 (June, 1948)

Ar-1 Savcheck, W. B. and W. D. Armstrong
Metabolic Turnover of Fluorine by the Skeleton of the Rat
Journal of Biological Chemistry 193: 575-585 (1951)

Ar-2 Lienke, R. I., George Cullen and Wallace D. Armstrong
Studies on the Excretion and Distribution of Radioactive Calcium
Transactions of the Conference on Metabolic Interrelations, First Conference 73-76 (1949)

Ar-3 Singer, Leon and W. D. Armstrong
Retention and Turnover of Radiocalcium by the Skeleton of Large Rats
Proceedings of the Society for Experimental Biology and Medicine 76: 229-233 (1951)

Ar-4 Armstrong, Wallace D. and S. H. Zbarsky
Excretion and Distribution of Carbon-14 During and Following Continuous Intraperitoneal Injection of Carbon-14 as Sodium Bicarbonate
Transactions of Conference on Metabolic Interrelations, First Conference 67-71 (1949)

Ar-5 Armstrong, Wallace D., Jack Schubert and Arthur Lindenbaum
Distribution of Radioactive Carbon Administered as Carbonate in the Body and Excreta of the Mature Rat
Proceedings of the Society for Experimental Biology and Medicine 68: 233-240 (1948)

Ar-6 Reifenstein, E. C., Editor
Third Conference on Metabolic Interrelations, January 8-9, 1951
Singer, Leon and Wallace D. Armstrong
Retention and Turnover of Radiocalcium by the Skeleton of Large Rats, 259-270

Ar-7 Singer, Leon, Wallace D. Armstrong and M. L. Premer
Skeletal Calcium Turnover in Non-Growing Rats
Proceedings of the Society for Experimental Biology and Medicine 80: 643-646 (1952)

As-1 Ashe, William F., E. J. Largent, F. R. Dutron, D. M. Hubbard and M. Blackstone
Behavior of Mercury in the Animal Organism Following Inhalation
A.M.A. Archives of Industrial Hygiene and Occupational Medicine 7: 19-43 (1953)

Ash-1 Ashikawa, James K., Elmer R. Smith and Harold L. Helwig
Copper Metabolism in Normal Long-Evans Rats
UCRL-3530 (1956)

At-1 Anthony, David S. and R. H. Snyder
Acute Radiotoxicity of Injected P^{32} in Mice. Part I. Metabolism and Survival
MDDC-881 or CH-3772 (February 11, 1947)

At-2 Anthony, David S. and K. A. Lathrop
Acute RAdiotoxicity of Injected Cerium-144 in the Rat
CH-3824 or MDDC-1326 (June 26, 1947)

At-3 Anthony, David S.
Personal Communication from D. S. Anthony to M. J. Cook, August 26, 1953
CF-53-8-67

At-4 Anthony, David S., R. K. Davis, R. N. Cowden and W. P. Jolley
Experimental Data Useful in Establishing Maximum Permissible Single and Multiple Exposures to Polonium
International Conference on the Peaceful Uses of Atomic Energy held in Geneva, Switzerland, August, 1955. Volume 13: 215-218 P/74

At-5 Anthony, David S., Director
Report for Biological Research June 18, 1951 to September 17, 1951
Spoerl, E. S.
A Derived Biological Half-life of Polonium in Humans, pp. 73-76
Cowden, R. N. and R. E. Zipf
Hematological and Pathological Studies on Rats Injected Intravenously with Multiple Doses of Polonium, pp. 37-55
MLM-626 (1951)

At-6 Anthony, David S., Director
Report for Biological Research, September 17 to December 17, 1951
Davis, R. K.
Effects of Repeated Injections of Polonium upon Laboratory Animals, pp. 8-30
MLM-648

At-7 Anthony, David S., Director
Biological Research Quarterly Progress Report through June 17, 1954
Davis, R. K. and G. T. Stevenson
Effects of Polonium on Experimental Animals, pp. 6-12
MLM-989 (1954)

At-8 Anthony, David S., Director
Biological Research Quarterly Progress Report through December 17, 1953
Davis, R. K. and G. T. Stevenson
Effects of Polonium upon the Life Span of Rats, p.4
Davis, R. K. and G. T. Stevenson
Effects of Repeated Low Intravenous Injections of Polonium upon Rats, p. 5
Jolley, W. P., D. Roesch, R. Horne, E. S. Robajdek, J. E. Campbell, D. S. Anthony, R. N. Cowden and R. E. Zipf
Effects of Actinium on Experimental Animals, pp. 6-9
MLM-952 (1953)

At-9 Anthony, David S., Director
Acute Radiotoxicity of Injected Yttrium-91
MDDC-1240 or CH-3838 (July 3, 1947)

At-10 Snyder, R. H., W. E. Kisieleski, D. S. Anthony and R. D. Finkle
Acute Radiotoxicity of $(Ba\text{-}La)^{140}$ in Rats and Mice. Part II. Metabolism of $(Ba\text{-}La)^{140}$
MDDC-1279 or CH-3826 (June, 1946)

At-11 Anthony, D. S., K. A. Lathrop and R. Finkle
Radiotoxicity of Injected Sr^{89} for Rats, Mice and Rabbits. Part II. Metabolism and Organ Distribution
MDDC-1363 or CH-3846 (June 1, 1946)

At-12 Anthony, D. S., K. A. Lathrop and R. H. Snyder
Radiotoxicity of Injected Sr^{89} for Rats, Mice and Rabbits. Part III. Lethal Action and Clinical Changes
MDDC-1364 or CH-3845 (June, 1946)

At-13 Campbell, J. E., E. S. Robajdek and D. S. Anthony
Metabolism of Actinium-227 and Its Daughters Thorium-227 and Radium-223 by Rats.
Radiation Research 4: 294-302 (1956)

At-14 Jolley, W. P., D. Roesch, R. Horne and D. S. Anthony
Effects of Injected Actinium Equilibrium Mixture on Rats and Mice
MLM-1057 (1955)

At-15 Davis, R. K., W. T. Rockhold and D. S. Anthony
The Effects of Repeated Polonium Injections on Rats: I. Gross Effects and Metabolism of 2 μc/kg Doses
MLM-961 (1954)

Au-1 Aub, J. C., A. S. Minot, L. T. Fairhall and Paul Reznikoff
Recent Investigations of Absorption on Excretion of Lead in the Organism
Journal of the American Medical Association 83: 588-592 (1924)

Au-2 Aub, J. C.
Biochemical Behavior of Lead in the Body
Journal of the American Medical Association 104: 87-90 (1935)

Au-3 Calhoun, J. Alfred, Regina McLean, J. Cramer Hudson and Joseph C. Aub
Comparative Exchange of Calcium, Lead and Radioactive Lead in Dogs
Archives of Industrial Hygiene and Occupational Medicine 9: 9-22 (1954)

Au-4 Aub, Joseph C., R. D. Evans, D. M. Gallagher and D. M. Tibbetts
Effects of Treatment on Radium and Calcium Metabolism in the Human Body
Annals of Internal Medicine 11: 1443-1463 (1938)

Aw-1 Anderson, W. A. D. and Gloria Zander
Pathologic Effects of Radioactive Calcium and Strontium on the Bones of CF-1 Mice
AECU-2624

Aw-2 Anderson, W. A. D., Gloria E. Zander and Joseph F. Kuzma
Carcinogenic Effects of Calcium-45 and Strontium-89 on Bones of CF-1 Mice
American Medical Association Archives of Pathology 62: 262-271 (1956)

Aw-3 Anderson, W. A. D., Gloria E. Zander and Joseph F. Kuzma
A Study of Toxic Doses of Strontium-90 (Sr^{90}) in the Adult Rat
A.M.A. Archives of Pathology 62: 433-440 (1956)

Ba-1 Best, C. H. and N. B. Taylor
Physiological Basis of Medical Practice
Williams and Watkins Publishers, Baltimore, Maryland (1945)

Bad-1 Badenoch, John and Sheila T. Callender
The Use of Radioactive Iron in the Investigation of Anaemia
British Journal of Radiology 27: 381-386 (1954)

Bag-1 Bagchi, K. N., H. D. Gangnly, J. N. Snider
Lead in Food
Indian Journal of Medical Research 28: 441-450 (1946)

Bal-1 See ADDITIONS

Ban-1 Banks, T. E., R. L. F. Tupper and A. Wormall
Fate of Some Intravenously Injected Zinc Compounds
I. Determination of Zinc-65 in Tissues
II. Fate of Injected Zinc Carbonate and Phosphate and a Zinc Dithizae Complex
Biochemical Journal 47: 466-472 (1950)

Bar-1 Barksdale, Jelka
Titanium - Its Occurrence, Chemistry and Technology
Ronald Press Company, New York, New York (1949)

Bau-1 Bauer, Göran C.H.
The Importance of Bone Growth as a Factor in the Redistribution of Bone Salt. I. Redistribution of Radio-active Calcium in the Skeleton of Rats.
Journal of Bone and Joint Surgery 36A: 375 - 386 (1954)

Bau-2 Bauer, Göran C. H.
The Importance of Bone Growth as a Factor in the Redistribution of Bone Salt. II. Redistribution of Radio-active Phosphorus in the Skeleton of Rats.
Journal of Bone and Joint Surgery 36A: 381-386 (1954)

Bau-3 Bauer, Göran C. H., A. Carlsson and B. Lindquist
A Comparative Study on the Metabolism of Ba^{140} and Ca^{45} in Rats
Biochemical Journal 63: 535-542 (1956)

Bau-4 Bauer, Göran C. H.
Long Term Redistribution of Bone Sodium Studied in Rats by Means of Na^{22} Radio-Autography
Acta Orthopaedica Scandinavica 23: 192-197 (1954)

Bau-5 Bauer, Göran C. H. and Arvid Carlsson
Metabolism of Bone Salt Investigated by Simultaneous Administration of Ca^{45} and P^{32} to Rats
Journal of Bone and Joint Surgery 37B: 658-662 (1955)

Bau-6 Bauer, Göran C. H.
Bone Salt Metabolism in Bone Growth and Bone Repair Studied in Rats by Means of Ca^{45}, P^{32} and Na^{22}
Acta Orthopaedica Scandinavica 23: 247-253 (1954)

Bau-7 Bauer, Göran C. H.
Metabolism of Bone Sodium in Rats Investigated with Na^{22}
Acta Physiologica Scandinavica 31: 334-350 (1954)

Bau-8 Bauer, Göran C. H.
Rate of Bone Salt Formation in a Healing Fracture Determined in Rats by Means of Radiocalcium
Acta Orthopaedica Scandinavica 23: 169-191 (1954)

Bau-9 Bauer, Göran C. H., Arvid Carlsson and Bertil Lindquist
Evaluation of Accretion, Resorption and Exchange Reactions in the Skeleton
Kungl. Fysiografiska Sällskapets I Lund Förhandlingar 25: 1-16 (1955)

Bau-10 Bauer, Göran C. H., Arvid Carlsson and Bertil Lindquist
Bone Salt Formation Measured in Infants by Means of P^{32}
Acta Paediatrica 44: 477-486 (1955)

Bau-11 Bauer, Göran C. H., Arvid Carlsson and Bertil Lindquist
Skeletal Uptake to Sulfate and Phosphate in β-Aminopropiononitrile Poisoned Rats
Acta Pathologica et Microbiologica Scandinavica 37: 407-413 (1955)

Bau-12 Bauer, Göran C. H., Arvid Carlsson and Bertil Lindquist
A Comparative Study on the Metabolism of Sr^{90} and Ca^{45}
Acta Physiologica Scandinavica 35: 56-66 (1955)

Bau-13 Bauer, Göran C. H., Arvid Carlsson and Bertil Lindquist
Some Properties of the Exchangeable Bone Calcium
Acta Physiologica Scandinavica 35: 67-72 (1955)

Bau-14 Bauer, Göran C. H. and Arvid Carlsson
Post-Fracture Bone Salt Resorption Studied in Rats
Acta Orthopaedica Scandinavica 25: 83-88 (1955)

Bau-15 Bauer, Göran C. H., Arvid Carlsson and Bertil Lindquist
Bone Salt Metabolism in Human Rickets Studied with Radioactive Phosphorus
Metabolism 5: 573-581 (1956)

Bc-1 Barclay, Ralph K., Wendell C. Peacock and Davis Karnofsky
"Distribution and Execretion of Radioactive Thallium in the Chick Embryo, Rat and Man."
Journal of Pharmacology and Experimental Therapeutics 107: 178-187 (February, 1953)

Bd-1 Buchanan, Donald L.
Elimination of Intravenous Carbon-14 Bicarbonate by Man
Journal of Clinical Investigation 30: 630-631 (1951) or
AECU-1262 or UAC-359

Bd-2 Buchanan, Donald L.
Uptake and Retention of Fixed Carbon in Adult Mice
Journal of General Physiology 34: 737-759 (1951)

Bd-3 Swick, R. W., Donald L. Buchanan and A. Nakao
Distribution of Fixed Carbon
Federation Proceedings 11: 157-158 (1952)

Bd-4 Buchanan, Donald L. and A. Nakao
Turnover of Bone Bicarbonate
Journal of Biological Chemistry 198: 245-257 (1952)

Bd-5 Buchanan, Donald L. and Akira Nakao
Bone Carbonate Turnover
Proceedings of the Federation of American Societies for Experimental Biology 11: 19-20 (1952)

Be-1 Behrens, Charles
Atomic Medicine
Thomas Nelson and Sons, New York City, New York (1949)

Bea-1 Bélanger, Leonard F.
Autoradiographic Visualization of Calcium-45 Intake by Normal and Pathological Cartilage 'in Vitro.'
Proceedings of the Society for Experimental Biology and Medicine 88: 150-152 (1955)

Bea-2 Bélanger, Leonard F.
Radioautographic Detection of Radiosulfate. Incorporation by the Growing Enamel of Rats and Hamsters
Journal of Dental Research 34: 20-27 (1955)

Bea-3 Bélanger, Leonard F.
Autoradiographic Visualization of S^{35} Incorporation and Turnover by the Mucous Glands of the Gastrointestinal Tract and Other Soft Tissues of Rat and Hamster
Anatomical Record 118: 755-771 (1954)

Bea-4 Bélanger, Leonard F.
Autoradiographic Visualization of the Entry and Transit of S^{35} in Cartilage, Bone, and Dentine of Young Rats and the Effect of Hyaluronidase In Vitro
Canadian Journal of Biochemistry and Physiology 32: 161-169 (1954)

Bea-5 Bélanger, Leonard F.
Autoradiographic and Histochemical Observations on the Mineralization of Teeth in Rats and Hamsters of Various Ages
Anatomical Record 114: 529-543 (1952)

Bee-1 Bergel, F., J. L. Everett, J. B. Martin and J. S. Webb
Cellular Constituents. Major and Minor Metals in Normal and Abnormal Tissues. Part I. Analysis of Wistar Rat Livers for Copper, Iron, Magnesium, Manganese, Molybdenum and Zinc
Journal of Pharmacy and Pharmacology 9: 522-531 (1957)

Beg-1 Bertrand, Gabriel
The Importance of Minute Chemical Constituents (Infiniment Petits Chimiques) of Biological Products: Nickel, Cobalt and Insulin
Science 64: 629-630 (1926)

Beg-2 Bertrand, Gabriel and M. Macheboeuf
Recherches sur la Presence du Nickel et du Cobalt Chez les Animaux
Bulletin de la Societé Chimique de France Series 4 Vol. 37-38: 934-937 (1925)

Beg-3 Bertrand, Gabriel and M. Macheboeuf
Sur les Proportions de Cobalt Contenues dans les Organes des Animaux
Bulletin de la Societé Chimique de France Series 4, Vol. 39-40: 942-945 (1926)

Beg-4 Bertrand, Gabriel and Mme Voronca-Spirt
Titanium in Animals
Comptes Rendus 189: 221-223 (1929)

Beg-5 Bertrand, Gabriel and Mme Voronca-Spirt
Presence and Distribution of Titanium in Animals
Bulletin de la Societé Chimique de France 47-48: 643-646 (1930)

Beg-6 Bertrand, Gabriel and Didier Bertrand
The General Distribution of Rubidium in Animals
Annales de L'Institut Pasteur 72: 805-809 (1946)

Beg-7 Bertrand, Gabriel and Didier Bertrand
The Rubidium and Other Alkali Metals Content of the Human Blood
Annales de L'Institut Pasteur 80: 227-230 (1951)

Beg-8 Bertrand, Gabriel and Didier Bertrand
Rubidium in Plasma and Corpuscles of Blood
Annales de L'Institut Pasteur 80: 339-342 (1951)

Beh-1 Behnke, A. R. and O. D. Yarbrough
Physiologic Studies of Helium
United States Naval Bulletin 36: 542-558 (1938)

Beh-2 Behnke, A. R. and T. L. Willmon
Cutaneous Diffusion of Helium in Relation to Peripheral Blood Flow and the Absorption of Atmospheric Nitrogen through the Skin
American Journal of Physiology 131: 627-632 (1941)

Beh-3 Behnke, A. R. and T. L. Willmon
Gaseous Nitrogen and Helium Elimination from the Body During Rest and Exercise
American Journal of Physiology 131: 619-626 (1941)

Bek-1 Berke, H. and A. DiPasqua
Distribution and Excretion of Po^{210} after Inhalation
Presented at the Radiation Research Society, Rochester, May 13-15, 1957
Page 8 of the Abstracts

Bek-2 Berke, H. L. and A. C. DiPasqua
The Distribution and Excretion of Polonium after Inhalation
UR-495 (1957)

Bel-1 Belcher, E. H., I. G. F. Gilbert and L. F. Lamerton
Experimental Studies with Radioactive Iron
British Journal of Radiology 27: 387-392 (1954)

Beo-1 Behounek, F. and M. Majerova
Radon Content of the Air
Nature 178: 1457 (December 29, 1956)

Ber-1 Bernard, S. R.
Uranium MPC values. Recommended for Consideration of Human Data
Memo to Dr. Karl Z. Morgan from S. R. Bernard, February 14, 1956

Ber-2 Struxness, E. G., A. J. Luessenhop, S. R. Bernard and J. C. Gallimore
The Distribution and Excretion of Hexavalent Uranium in Man
International Conference on the Peaceful Uses of Atomic Energy held at Geneva, Switzerland, August, 1955. pp. 186-196. Paper number P/213

Ber-3 Bernard, S. R. and E. G. Struxness
A Study of the Distribution and Excretion of Uranium in Man. An Interim Report
ORNL-2304 (June 4, 1957)

Ber-4 Bernard, S. R.
Maximum Permissible Amounts of Natural Uranium in the Body, Air and Drinking Water Based on Human Experimental Data. (September 17, 1957)
Unpublished Data as of October 31, 1957

Bet-1 Bergstrom, William H. and William M. Wallace
Bone as a Sodium and Potassium Reservoir
Journal of Clinical Investigation 33: 867-873 (1954)

Bf-1 Bahner, Carl T.
Localization of Antimony in Blood
Proceedings of the Society for Experimental Biology and Medicine 86: 371-373 (1954)

Bg-1 Griffith, George C., Edward M. Butt and Joseph Walker
The Inorganic Element Content of Certain Human Tissues
Annals of Internal Medicine 41: 501-509 (1954)

Bg-2 Butt, Edward M., R. E. Nusbaum, T. C. Gilmour and S. L. DiDio
Use of Emission Spectrograph for Study of Inorganic Elements in Human Tissues
American Journal of Clinical Pathology 24: 385-394 (1954)

Bg-3 Butt, Edward M., R. E. Nusbaum and A. G. Ware
A Study of Trace Metal Storage in Human Organs by Spectrographic and Chemical Methods, with Particular Attention to Acute Thrombocytopenic Purpura, Refractory Anemia, Congenital Disease, Congestive Heart Failure Wilson's Disease, Hemochromatosis and Arteriosclerosis
Progress Report - April 15, 1955

Bg-4 Butt, Edward M. and D. G. Simonsen
Mercury and Lead Storage in Human Tissues
American Journal of Clinical Pathology 20: 716-723 (1950)

Bg-5 See ADDITIONS

Bh-1 Letter to Dr. H. A. Blair from Dr. C. A. Spiegl. April 22, 1955
Subject: Chemical Toxicity of Thorium

Bh-2 Blair, Henry A., Director
Quarterly Review. October 1 through December 31, 1954. (No number)
Michaelson, S.
I^{31} Uptake in Dogs. pp. 40-41
Smith, F. A. and D. E. Gardner
Fluoride Studies. pp. 44-46
Spiegl, C. J.
Inhalation Toxicity. pp. 48-49
Toxicity of Radioactive Materials. Polonium Toxicity, Distribution and Excretion. pp. 52-57
Stannard, J. N. and R. C. Baxter
Effects of a Maintained Body Burden of Polonium in the Rat. pp. 52-53
Smith, F. A., R. J. Della Rosa, P. E. Morrow, R. G. Thomas and J. N. Stannard
Distribution and Excretion of Polonium as a Function of the Route of Administration. pp. 53-55
Sproul, J. A., R. C. Baxter and L. W. Tuttle
Effect of Polonium on Hair Color, etc. in Long-Evans Rats. pp. 56-57
Tuttle, L. W., and R. C. Baxter
Strontium and Calcium Absorption and Excretion Studies. pp. 57-
Hursh, J. B.
Analysis of Natural Waters for Radium. pp. 57-58
Sarcoma in a Dog with 13 mg Retained Radium Body Load. pp. 58
Radium Excretion of a Thorotrast Patient. pp. 59
Shapiro, Jacob, Stuart Black and Francis Gavigan
Measurement on Lung Retention of Radon Degration Products. pp. 59-60
Morken, D. M. and J. N. Stannard
Radon Inhalation Experiments pp. 60

Bh-3 Blair, Henry A.
Shortening of Life Span by Injected Radium, Polonium and Plutonium
UR-274 (1953)

Bh-4 Blair, Henry A., Director UR-60
Summary of Research and Service Programs. January 1, 1948 to December 31, 1948
Biological Effects of Radioactive Materials
Polonium. pp. 55-61
Radon. pp. 61-63
Radium. pp. 63-64
Uranium. pp. 65-72
Beryllium. pp. 73-93
Thorium. pp. 94-97
Fluoride. pp. 98-101
Carbon. pp. 102-105

Bh-5 Stannard, J. N., H. A. Blair and R. C. Baxter
Life Span Shortening in Rats Induced by Multiple Doses of Polonium-210
Federation Proceedings 14: Part I, 144 (1955)

Bh-6 Blair, Henry A., Director UR-103
Quarterly Technical Report. October 1, 1949 thru December 31, 1949
Wilson, H. B., G. E. Sylvester, C. W. LaBelle, J. K. Scott and Staff; F. A. Smith and Staff; S. Laskin and Staff; and K. E. Lauterbach
Uranium. Relation of Particle Size of Hydrated Uranium Trioxide Dust to Toxicity Following Inhalation by Rabbits and Rats. pp. 29-35
Hall, R. H.
Inhalation Toxicity of Beryllium Fluoride Mist. pp. 37-41
Stokinger, H. E., R. E. Root and L. T. Steadman
Retention of Beryllium Tissues Following Inhalation. pp. 41-50
Hall, R. H., R. E. Root and C. Stroud
Thorium. pp. 55-59
Maynard, E. A. and W. L. Downs
Acute Oral Toxicity of NaF in Albino Rats. p. 60
Smith, F. A., D. E. Gardner and D. Wing
Fluoride Content in Human Bone. pp. 60-63

Bhj-1 Bagg, Halsey J.
Pathological Changes Accompanying Injections of an Active Deposit of Radium Emanation. I. Intravenous and Subcutaneous Injections in the White Rat
Journal of Cancer Research 5: 1-19 (1920)

Bhj-2 Bagg, Halsey J.
The Response of the Animal Organism to Repeated Injections of an Active Deposit of Radium Emanation Intravenous Injections in Dogs
Journal of Cancer Research 5: 301-319 (1920)

Bi-1 Letter from Dr. Katherine Williams to Dr. Walter Binks. January 4, 1954

Bir-1 Birnstingl, Martin, Bernard Stone and Victor Richards
Excretion of Radioactive Zinc (Zn^{65}) in Bile, Pancreatic and Duodenal Secretions of the Dog
American Journal of Physiology 186: 377-379 (1956)

Bj-1 Beierwaltes, William H., Robert A. Peelor, Isadore Lampe, and Henry J. Gomberg
Factors Determining the Rate of Renal Excretion of Iodine. I. The Thyroid
University Hospital Bulletin, University of Michigan, Ann Arbor, April, 1948. Volume 14: 31-33

Bl-1 Bloom, William
Histopathology of Radiation from External and Internal Sources
McGraw-Hill Book Company, Inc., New York (1948)

Bl-2 Bloom, William, H. J. Curtis and F. C. McLean
A Note on Deposition of Carbon-14 in the Bone
MDDC-516 (no date but declassified December 3, 1946)

Bl-3 Bloom, William, H. J. Curtis and F. C. McLean
Deposition of C^{14} in Bone
Science 105: 45 (1947)

Bl-4 Bloom, William
Deposition of C^{14} in the Metaphysics of Long Bones of Young Rats
Anatomical Record 103: 425 (1949)

Bl-5 Bloom, Margaret A. and William Bloom
Late Effects of Radium and Plutonium on Bone
Archives of Pathology 47: 494-511 (1949)
or
AECD-2053 or ANL-HDY-496

Bli-1 Blina, L. V.
Experiments with Titanium Oxide
Riforma Med. 44: 1516, 1519-1522, 1525 (1928)
Abstracted in J. Industrial Hygiene 12: 96-97 (1930)

Blo-1 Block, Walter D., Oliver H. Buchanan and R. H. Freyberg
Metabolism, Toxicity and Manner of Action of Gold Compounds in the Treatment of Arthritis
II. A Comparative Study of the Distribution and Excretion of Gold Following the Intramuscular Injection of Five Different Gold Compounds
Journal of Pharmacology and Experimental Therapeutics 73: 200-204 (1941)

Blo-2 Block, Walter D., Oliver H. Buchanan and R. H. Freyberg
Metabolism, Toxicity and Manner of Action of Gold Compounds Used in the Treatment of Arthritis
IV. Studies of the Absorption, Distribution and Excretion of Gold Following the Intramuscular Injection of Gold Thioglucose and Gold Calcium Thiomalate
Journal of Pharmacology and Experimental Therapeutics 76: 355-357 (1942)

Blo-3 Block, Walter D., O. H. Buchanan and R. H. Freyberg
Metabolism, Toxicity and Manner of Action of Gold Compounds Used in the Treatment of Arthritis
V. A Comparative Study of the Rate of Absorption, the Retention, and the Rate of Excretion of Gold Administered in Different Compounds
Journal of Pharmacology and Experimental Therapeutics 82: 391-398 (1944)

Bm-1 Brucer, Marshall, G. A. Andrews and H. D. Bruner
A Study of Gallium - Summary and Conclusions
Radiology 61: 534-613 (1953)

Bm-2 Brucer, Marshall
Distribution of Gallium in Man; Autopsy Evidence
Journal of Pharmacology and Experimental Therapeutics 101: 4-5 (1951)

Bn-1 Bruner, H. D.
"Carrier Effect in the Distribution of Manganese-54 in Rats"
Radiation Research 3 (no 2) October, 1955

Bn-2 Bruner, H. D., Emory University
Third Quarterly Report, September 15, 1953
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration"

Bn-3 Bruner, H. D., Emory University
Fourth Quarterly Report, December 15, 1953
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-4 Bruner, H. D., Emory University
Fifth Quarterly Report, March 15, 1954
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-5 Bruner, H. D., Emory University
Sixth Quarterly Report, June 15, 1954
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-6 Bruner, H. D., Emory University
Seventh Quarterly Report, September 15, 1954
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-7 Bruner, H. D., Emory University
Eighth Quarterly Report, December 15, 1954
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-8 Bruner, H. D., Emory University
Ninth Quarterly Report, March 15, 1955
Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-9 Bruner, H. D., Emory University
Tenth Quarterly Report, June 15, 1955
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-10 Bruner, H. D., Emory University
Eleventh Quarterly Report, September 15, 1955
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-11 Bruner, H. D., Emory University
Twelfth Quarterly Report, December 15, 1955
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration."

Bn-12 Bruner, H. D., Emory University
"Distribution of Manganese-54 in the Rat After Intravenous Injection of $MnCl_2$"
American Journal of Physiology 179 (December, 1954)

Bn-13 Bruner, H. D., Emory University
"Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration"
Thirteenth Quarterly Report. March 15, 1956

Bn-14 See ADDITIONS

Bni-1 Berlin, N. I., B. M. Tolbert and J. H. Lawrence
Studies in Glycine-2-C^{14} Metabolism in Man
I. Pulmonary Excretion of $C^{14}O_2$
Journal of Clinical Investigation 30: 73 (1951)

Bni-2 Berlin, N. I., B. M. Tolbert and C. Lotz
Studies in Glycine-2-C^{14} Metabolism in Man
II. Tissue Distribution
Journal of Clinical Investigation 31: 335-337 (1952)

Bni-3 Berlin, N. I., B. M. Tolbert and Helen C. Lee
Metabolism of Glycine-2-C^{14} in Man
III. The Urinary Excretion of C^{14} and Cumulative Radiation Dosimetry
Journal of Clinical Investigation 32: 1 - 4 (1953)

Bni-4 Berlin, N. I. and B. M. Tolbert
Metabolism of Glycine-2-C^{14} in Man
V. Further Considerations of Pulmonary Excretion of $C^{14}O_2$
Proceedings of the Society for Experimental Biology and Medicine 88: 386-389 (1955)

Bni-5 Prentice, T. C., W. Siri, N. I. Berlin, G. M. Hyde, R. J. Parsons, E. E. Joiner and John H. Lawrence
Studies of Total Body Water with Tritium
Journal of Clinical Investigation 31: 412-418 (1952)

Bo-1 Boxer, George E. and DeWitt Stetten, Jr.
Studies in Carbohydrate Metabolism
II. The Glycogenic Response to Glucose and Lactate in the Previously Fasted Rat
Journal of Biological Chemistry 155: 237-242 (1944)

Boa-1 Böni, A., O. Gübeli, R. Lotmar and H. V. Wiesendanger
Absorption of Radioactively Labeled Sulfate ($S^{35}O_4$) through the Human Skin
Deut. Med. Wochschr. 79: 1617- 1619 (1954)
C. A. 49: 4165 i (1955)

Bod-1 Bodansky, Oscar and Walter Modell
The Differential Excretion of Bromide and Chloride Ions and Its Role in Bromide Retention
Journal of Pharmacology and Experimental Therapeutics 73: 51-64 (1941)

Boi-1 Boissevain, C. H. and W. F. Drea
Spectroscopic Determination of Fluorine in Bones, Teeth and Other Organs, in Relation to Fluorine in Drinking Water
Journal of Dental Research 13: 495-500 (1933)

Bon-1 Bonner, John F., Jr.
The Influence of Age on the Uptake of Radioactive Phosphorus by the Skeleton
AECD-1967 (no date, but declassified April, 26, 1948)

Boo-1 See ADDITIONS

Bor-1 Borsook, Henry, Geoffrey Keighley, Don M. Yost and Edwin McMillan
The Urinary Excretion of Ingested Radioactive Sulfur
Science 86: 525 (December 3, 1937)

Bor-2 Borsook, Henry, Edwin R. Buchman, John B. Hatcher, Don M. Yost and Edwin McMillan
The Course of Thiamin Metabolism in Man as Indicated by the Use of Radioactive Sulfur
Proceedings of the National Academy of Sciences 26: 412-418 (1940)

Bos-1 Boström, Henry and Erik Odeblad
Autoradiographic Observations on the Incorporation of S^{35}-Labeled Sodium Sulfate in the Rabbit Fetus
Anatomical Record 115: 505-514 (1953)

Bos-2 Odeblad, Erik and Harry Boström
An Autographic Study of the Incorporation of S^{35}-Labeled Sodium Sulfate in Different Organs of Adult Rats and Rabbits
Acta Pathologica et Microbiologica Scandinavica 31: 339-344 (1952)

Bos-3 Boström, Harry, Erik Odeblad and Ulf Friberg
A Quantitative Autoradiographic Study of the Incorporation of S^{35} in Tracheal Cartilage
Archives of Biochemistry and Biophysics 38: 283-286 (1952)

Bos-4 Boström, Harry and Sven Gardell
Uptake of Sulphates in Mucopolysaccharides Esterfied with Sulphuric Acid in the Skin of Adult Rats after Intraperitoneal Injection of S^{35}-labelled Sodium Sulphate
Acta Chemica Scandinavica 7: 216-222 (1953)

Bos-5 Boström, Harry and Erik Odeblad
Autoradiographic Observations on the Uptake of S^{35} in the Genital Organs of the Female Rat and Rabbit after Injection of Labeled Sodium Sulfate
Acta Endocrinologica 10: 89-96 (1952)

Bot-1 Botset, H. G.
The Radium Content of Some Connate Waters
Physics 5: 276-280 (1934)

Bow-1 Bowes, Joane H. and Margaret M. Murray
The Chemical Composition of Teeth
I. The Estimation of Fluorine and the Fluorine Content of Normal Teeth
Biochemical Journal 29: 102-107 (1935)

Bow-2 Bowes, Joane H. and Margaret M. Murray
The Chemical Composition of Teeth
II. The Composition of Human Enamel and Dentine
Biochemical Journal 29: 2721-2727 (1935)

Boy-1 Boyd, T. C., L. E. Napier and A. C. Roy
Distribution of Antimony in the Body Organs
Indian Journal of Medical Research 19: 285-294 (1931)

Boy-2 Boyd, T. C. and N. K. De
Some Applications of the Spectroscope in Medical Research
Indian Journal of Medical Research 20: 789-800 (1933)

Bp-1 Basu, K. P. and M. C. Malakar
Iron and Manganese Requirements of the Human Adult
Journal of the Indian Chemical Society 17: 317-325 (1940)

Bp-2 Basu, K. P. and M. C. Malakar
Magnesium Metabolism in Man
Indian Journal of Medical Research 28: 333-343 (1940)

Br-1 Brues, Austin M.
Toxicity of Radioactive Isotopes, pp. 465-470
in Medical Physics Volume II. Edited by Otto Glasser, Year Book Publishers, Inc., Chicago (1950)

Br-2 Brues, Austin M. and Agnes N. Stroud
Retention of C^{14} Administered as Bicarbonate to Adult and Embryonic Mice
pp. 171-180 in Biological Hazards of Atomic Energy, edited by A. Haddow. Oxford at the Clarendon Press, Oxford University Press, Amen House, London, E.C.-4. (1952)
also AECU-1091 or UAC-326 (November, 1950)

Br-3 Letter to Dr. Karl Z. Morgan from Dr. Austin M. Brues. December 28, 1953

Br-4 Brues, Austin M., Editor ANL-4401
Biological and Medical Divisions Quarterly Report, November, December, January, 1949-1950.
Finkel, Miriam P., Gertrude Hirsch, Donald Gardiner, and Ruth McNunis
Progress of the Long-Term Polonium-Mouse Experiment, pp. 78-95
Bloom, William and Margaret A. Bloom
Some Late Histological Changes in Mice after Low Doses of Plutonium and Radium, pp. 174-184

Br-5 Brues, Austin M., Editor ANL-4108
Quarterly Report August, 1947 to November, 1947, Biology Division
Norris, William P. and W. E. Kisieleski
The Early Distribution of $Sr^{89,90}$ in Rats, pp. 5-12
Norris, William P. and S. H. Cohn
Progress Report on C^{14}, pp. 13-22
Lisco, Hermann, Miriam Finkel and Gertrude Hirsch
Progress Report on the Chronic P^{32} Mouse Experiment. pp. 80-85
Kisieleski, Walter and Lois Woodruff
Studies on the Distribution of Plutonium in the Rat. pp. 86-103
Neal, William, Robert Straube and Howard Ducoff
Progress Report of Applied Radiochemistry (Arsenic). pp. 109-112

Br-6 Brues, Austin M., Director ANL-5247
Quarterly Report of Biological and Medical Research Division
Norris, W. P., T. W. Speckman and P. F. Gustafson
The Pattern of Radium Retention in Man, pp. 6-
Finkel, Miriam P. and A. M. Brues and Hermann Lisco
The Toxicity of Sr^{89} in Mice, pp. 25-29
Kisieleski, W. E.
The Distribution and Excretion of Sr^{90}-Y^{90} in the Dog. pp. 68-71

Br-7 Report on Biological, Medical and Biophysics Programs ANL-5378
Part I. Rose, John E., Director
Semiannual Report of Radiological Physics Division
Stehney, A. F. and H. F. Lucas, Jr.
Intake and Retention of Radium at Natural Levels. pp. 8-15

Part II. Brues, Austin M., Director
Quarterly Report of Biological and Medical Research Division
Norris, W. P., T. W. Speckman and B. J. Holloway
Simultaneous Administration of Ra^{226} and Ca^{45} to Dogs. pp. 74-75
Walton, H., Jr. and A. M. Brues
Radio-Ruthenium Toxicity Studies. pp. 102-105
Finkel, Miriam, Hermann Lisco and Austin M. Brues
Toxicity of Sr^{89} in Mice. Malignant Bone Tumors. pp. 106-117

Br-8 Hoffbauer, F. W., Editor
Liver Injury. Transactions of the Seventh Conference. January 15 and 16, 1948, New York City, New York
Brues, Austin M.
Effects of Plutonium in the Liver. pp. 59-63

Br-9 Brues, Austin M., Agnes N. Stroud and Leola Rietz
Toxicity of Tritium Oxide to Mice
Proceeding of the Society for Experimental Biology and Medicine 79: 174-6 (1952)

Br-10 Brues, Austin M. and Hermann Lisco, Editors ANL-4253
Quarterly Report November, 1948 to February, 1949. Biological and Medical Divisions
Hollcroft, Joanne W. and Egon Lorenz
Retention of Radon by the Mouse. Part I. Experimental Determination of Biodecay and Energy Absorbed. pp. 35-49
Cornfield, Jerome
Retention of Radon by the Mouse. Part II. Method of Estimating Biodecay from Experimental Data. pp. 50-60
Lisco, Hermann
The Standard Man. pp. 96-101
Norris, William P. and Walter Kisieleski
The Metabolism of Intravenously Injected Calcium-45. pp. 134-139
Ducoff, Howard
In Vitro Metabolism of Arsenic. pp. 162-168

Br-11 Letter to Karl Z. Morgan from W. M. Manning and A. M. Brues. August 9, 1948

Br-12 A. A. A. S. Gibson Island Research Conference on Cancer, 1946.
Brues, Austin M., Hermann Lisco and Miriam P. Finkel
Carcinogenic Action of Some Substances Which May Be a Problem in Certain Future Industries (Abstract)
or Cancer Research 7:48 (1947)
or MDDC-145 (July, 1946)

Br-13 Brues, Austin M. and Hermann Lisco, Editors ANL-4163
Quarterly Report for February, 1948 to May, 1948. Biology and Medical Divisons.
Nickson, J. J., A. M. Cloudman and S. Barkulis
Report on Beryllium Experiment. pp. 153-165

Br-14 Brues, Austin M. and John E. Rose, Directors ANL-5288
Report on Biological, Medical and Biophysics Program. July, 1954
Finkel, M. P., H. Lisco and A. M. Brues
Toxicity of Sr^{89} in Mice. Tumors Among the Control Animals. pp. 23-34
Norris, W. P., T. W. Speckman, R. A. Craig and C. Armstrong
Studies on Radium Metabolism in Rats. pp. 79-82
Stehney, A. F. and H. F. Lucas, Jr.
Intake and Retention of Radium at Natural Levels. pp. 117-123
Marinelli, L. D., P. F. Gustafson and T. W. Speckman
Radium Toxicity. pp. 129-130

Br-15 Brues, Austin M., Editor ANL-4840
Division of Biological and Medical Research Quarterly Report, May, June, July 1952.
Hasterlik, Robert J., L. D. Marinelli, A. M. Brues, W. B. Looney, W. P. Norris, A. F. Stehney and C. E. Miller
Progress Report: Clinical Aspects of the Radium Toxicity Program. p. 56
Finkel, M. P., A. M. Brues and H. Lisco
Progress Report: Toxicity of Sr^{89} in Mice. Design of Experiment and Survival Following Single Injection. pp. 57-62
Lisco, H. and W. E. Kisieleski
The Fate of Pathologic Effects of Plutonium Metal Implanted into Rabbits and Rats. p. 63
Schubert, Jack, Arthur Lindenbaum, Marcia White and Roman Lesko
Progress Report: Mechanisms of Reversal of Toxicity of Beryllium, Boron and Uranium. pp. 77-79

Br-16 Brues, Austin M. and Hermann Lisco, Directors ANL-4333
Quarterly Report; May, June and July, 1949. Biological and Medical Divisions
Finkel, Miriam, W. E. Kisielski, G. M. Hirsch and Thomas J. Mulhaney
Polonium and CF-1 Female Mice: The 30-Day LD_{50} Retention, Distribution and Concentration. pp. 84-96
Mulhaney, Thomas J., W. P. Norris and W. E. Kisielski
A Quantitative Method for the Determination of Polonium in Animal Tissues. pp. 103-109

Br-17 Brues, Austin M., Editor and Director ANL-4625
Division of Biological and Medical Research. Quarterly Report, February, March and April, 1951
Looney, W. B.
Radium Toxicity: Clinical Studies on 24 Patients. pp.55
Brues, A. M. And A. N. Stroud
Concerning the Disposition of Acutely Inhaled $C^{14}O_2$. pp. 99-105
Brues, A. M.
Comparative Toxicities of Radium and Plutonium. pp. 106-124
Jennings, F. L. and A. M. Brues
Toxicity of Tritium Oxide on Continued Administration in Rats. pp. 142-151

Br-18 Brues, Austin M., Editor ANL-4531
Division of Biological and Medical Research Quarterly Report, August, September, October, 1950
Norris, W. P. and A. M. Brues
Summary of Attempts to Remove Radium from One Patient. pp. 72-75
Looney, W. B. and R. J. Hasterlik
Radium Project: Clinical Aspects. pp. 76
Finkel, Miriam P. and Gertrude M. Hirsch
Progress of the Polonium Mouse Experiment: II. Analysis at 500 Days. pp. 80-92
Brues, A. M. and Agnes N. Stroud
Retention of C^{14} Administered as Bicarbonate to Adult and Embryonic Mice pp. 93-106
Jennings, F. L. and A. M. Brues
Progress Report: Toxicity of Tritium Oxide Administered Continuously to Rats pp. 120-122
Sato, R. and W. P. Norris
Determination of Na and P in Bone by Neutron Activation Analysis. pp. 153-155
Finkel, Miriam P. and Gertrude M. Hirsch
Uranium Toxicity in Mice. I. Experimental Design and Results at 30 Days pp. 183-190
Kisieleski, W. E., W. G. Karaghan and W. P. Norris
Progress Report: The Retention and Distribution of U^{233} in Mice. pp. 191

Br-19 Monthly Progress Report. Report of the Work of the Biological and Medical Research, Radiological Physics; and Health Services Divisions for the Quarterly Period ending December 31, 1953. ANL-5200

Br-20 Brues, Austin M., Hermann Lisco and Miriam P. Finkel
Carcinogenic Action of Some Substances Which May be a Problem in Certain Future Industries
MDDC-145 (Declassified July 31, 1946. No date of document.)

Br-21 Lisco, Hermann, Miriam P. Finkel and Austin M. Brues
Carcinogenic Properties of Radioactive Fission Products and of Plutonium
Radiology 49: 361-363 (1947)

Br-22 Brues, A. M., Hermann Lisco and Miriam P. Finkel
Biological Hazards and Toxicity of Radioactive Isotopes
AECU-525 or UAC-93 (No date of Document)
or
Journal of Clinical Investigation 28: 1286-1296 (1949)

Br-23 Brues, Austin M. and Agnes N. Stroud
Experiments on the Disposition of Acutely Inhaled $C^{14}O_2$
Journal of the National Cancer Institute 15: 1071-1076 (1955)

Br-24 Brues, Austin M. and Agnes Naranjo
Absorption and Excretion of Carbon-14 as CO_2 and Bicarbonate
AECU-509 or UAC-45 (No date for the document)
or
Federation Proceedings 8: 18-19 (1949)

Br-25 Brues, Austin M. ANL-4488
Division of Biological and Medical Research Quarterly Report, May, June, July, 1950.
Tyler, S. A. and Joan Gurian
Progress Report: The Excretion of Sr^{89} by Goats. pp. 11-20
White, Marcia R., A. J. Finkel and J. Schubert
Preliminary Report: ACTH and Experimental Beryllium Poisoning. pp. 90-91

Br-26 Brues, Austin M. and Donald L. Buchanan
Summary of Conference on the Toxicity of Carbon 14 Held at Argonne National Laboratory January 15-16, 1952.
ANL-4787

Br-27 Brues, Austin M.
Comparative Chronic Toxicities of Radium and Plutonium
ANL-4799 (April, 1951)

Br-28 Biological and Medical Research Division Quarterly Report. July, August, September, 1956. ANL-5655
Finkel, Miriam P., Hermann Lisco, Katherine A. Lathrop, and Austin M. Brues
Toxicity of Locally Deposited Yttrium-91 in Mice. I. Experimental Design and Gross Pathology. pp. 39-46
Fried, Joan F., Marcia W. Rosenthal and Elizabeth Moretti
Progress Report: Managanese Removal. pp. 131-136

Br-29 Report on Biological, Medical and Biophysics Programs
Part I. Semiannual Report on Radiological Physics Division
Part II. Quarterly Report of Biological and Medical Research Division
January, 1956 ANL-5518
Radium Toxicity
1. Introduction by C. E. Miller. pp. 45
2. An Americium-241 Accident by R. E. Rowland, C. E. Miller and L. D. Marinelli. pp. 46-48
3. Bremsstrahlung Measurement of Sr^{90} in Dogs by P. F. Gustafson and C. E. Miller. pp. 49-51
4. Progress Report: Measurement of the γ-Ray Activities from the Human Body by C. E. Miller and L. D. Marinelli. pp. 52-56
Finkel, Miriam P.
Relative Effects on Survival and Tumor Incidence of Some Internal Emitters. pp. 105-112
Brues, Austin M. and Sylvanus A. Tyler
Estimation of total Radiation Dose from Radium. pp. 113-114
Lisco, Hermann, Miriam P. Finkel and A. M. Brues
Local Tumors Following Injection of $Y^{91}PO_4$. pp. 115

Br-30 Brues, Austin M. and Donald L. Buchanan
Studies of the Overall Carbon Dioxide Metabolism of Tissue and Total Organisms
Symposia on Quantitative Biology - Cold Spring Harbor. 13: 52-62 (1948)

Br-31 Brues, Austin M.
Radiation as a Carcinogenic Agent
Radiation Research 3: 272-280 (1955)

Br-32 Brues, Austin M., Director ANL-5426
Quarterly Report of Biological and Medical Research Division, April, 1955
Speckman, T. W. and W. P. Norris
Radium Metabolism in Dogs. p.11
Finkel, M. P., J. Lestina, G. M. Scribner, H. Lisco, R. J. Flynn and A. M. Brues
Toxicity of Radiostrontium in Dogs: Current Status of the Long-Term Experiments. pp. 33-37

Br-33 Brues, Austin M., Editor ANL-4078
Biology Division. Quarterly Report May, 1947 to August, 1947.
Finkel, Miriam P.
Some Further Notes on the Mice Treated with Plutonium Before Weaning. pp. 66-75
Finkel, Miriam P.
The Retention of P^{32} by Young Adult CF-1 Female Mice. pp. 76-77

Br-34 Brues, Austin M., Editor ANL-4147
Biology Division. Quarterly Report November, 1947 to February, 1948
Newell, R. R. and Agnes Naranjo
Experiment on C^{14} Absorbed as $C^{14}O_2$ by Respiratory Exchange p. 96-105

Br-35 Brues, Austin M. and Hermann Lisco, Editors ANL-4205
Biology and Medical Divisions. Quarterly Report May 1948 to August, 1948
Cohn, Stanton H. and William P. Norris
Effects of Radium on Alkaline Phosphatase Activity of Tissues. pp. 10-23
Brues, Austin M., Donald L. Buchanan, Agnes Naranjo and Leola Rietz
Carbon^{14} Toxicity. pp. 113-117

Br-36 Brues, Austin M., and Hermann Lisco, Editors ANL-4291
Biological and Medical Divisions. Quarterly Report February, March, April, 1949
Cloudman, Arthur M., Dorothy Vining, Samuel Barkulis and James J. Nickson
Bone Changes Observed Following Intravenous Injections of Beryllium. pp. 79-89
Buchanan, Donald L. and Alberta Di Vittorio
Progress Report: Chronic Exposure to $C^{14}O_2$. pp. 99-106
Kisieleski, Walter E. and William P. Norris
The Effect of BAL on the Distribution and Metabolism of P^{32} and Sr^{90}. pp. 118-123

Br-37 Brues, Austin M., Editor ANL-4571
Division of Biological and Medical Research. Quarterly Report, November, December, 1950 and January, 1951
Buchanan, Donald L.
Elimination of Intravenous Carbon-14 Bicarbonate by Man. p. 101

Br-38 Brues, Austin M., Editor ANL-4676
Division of Biological and Medical Research. Quarterly Report May, June and July, 1951
Hollcroft, J. W. and E. Lorenz
The 30-Day LD_{50} of Two Radiations of Different Ion Density. p.22

Br-39 Brues, Austin M., Editor ANL-4745
Division of Biological and Medical Research. Quarterly Report, November, December, 1951, and January, 1952
Marinelli, L. D. and P. F. Gustafson
Progress Report: Rate of Disappearance of $RaSO_4$ Dust from the Human Lung p. 47
Finkel, Miriam P. and Gertrude M. Hirsch
Preliminary Report: Toxicity of Carbon-14. pp. 51-52
Swick, R. W., D. L. Buchanan and A. Nakao
Studies on the Distribution of Fixed Carbon. p. 94
Nakao, A. and D. L. Buchanan
Studies on the Physiological Status of Bone Carbonate. p. 95

Br-40 Brues, Austin M., Editor ANL-4794
Division of Biological and Medical Research. Quarterly Report, February, March, April, 1952
Marinelli, L. D. and P. F. Gustafson
Progress Report: Rate of Disappearance of $RaSO_4$ Dust from the Human Lung p. 61-65
Finkel, M. P. and G. M. Hirsch
Progress Report: The Incidence of Malignant Bone Tumors in the Long-Term Toxicity Experiments with Uranium, Plutonium and Radium. pp. 71-81

Br-41 Brues, Austin M., Director ANL-5332
Quarterly Report of Biological and Medical Research Division
Rosenthal, Marcia W. and Jack Schubert
Effect of Zirconium on the Distribution of Pu^{239} at Different Time Intervals after Injection. pp. 82-84

Br-42 Brues, Austin M., Director ANL-4932
Division of Biological and Medical Research Quarterly Report. August, September and October, 1952
Hasterlik, R. J.
Clinical Studies on Patients Containing Radium. p. 15
Finkel, M. P., H. Lisco and A. M. Brues
Progress Report: Toxicity of Plutonium-239 in Rats pp. 16-22

Br-43 Brues, Austin M., and Herman Lisco, Editors ANL-4227
Biological and Medical Divisions. Quarterly Report August 1948 to November 1948
Finkel, Miriam P.
Five Puppies Born with Radiostrontium: A Preliminary Note. pp. 71-82

Cloudman, Arthur M., Dorothy Vining, James J. Nickson and Samuel Barkulis
Progress Report on Beryllium Experiment pp. 181-182
Bloom, Margaret A. and William Bloom
Late Effects of Radium and Plutonium on Bone. pp. 188-189

Br-44 Brues, Austin M., Editor ANL-4713
Division of Biological and Medical Research Quarterly Report, August, September, October, 1951
Marinelli, L. D., P. F. Gustafson, R. E. Rowland and C. E. Miller
Progress Report: Radium Toxicity Program. pp. 59-64
Looney, W. B.
Progress Report: Medical Aspects of the Radium Toxicity Program p. 65
Norris, W. P., T. W. Speckman and M. Myrick
Radium Toxicity and Metabolism. p. 72
Finkel, Miriam P. and Gertrude M. Hirsch
Progress Report: Uranium Toxicity in Mice; Radium-226 and Plutonium-239 Toxicities in Mice. pp. 119-122

Br-45 ANL-5696
Biological and Medical Research Division. Quarterly Report. October, November, December, 1956.
Finkel, Miriam P., Robert J. Flynn, John W. Clark, Gertrude Scribner, Juanita Lestina, Hermann Lisco and Austin M. Brues
Toxicity of Radiostrontium in Carnivores: Current Status of the Long-Term Cat and Dog Experiments. pp. 16-20
Thomson, John F. and Florence J. Klipfel
Progress Report: Deuterium Oxide Intoxication in Rats. pp. 64-67
Finkel, Asher J., Dorice Czajka, Henry L. Crespi and Dolores W. Symon
Studies on Effects of Deuterium Oxide. I. The Course of Deuteration of Mice. pp. 68-70
Finkel, Asher J., Dorice Czajka and Betty Van Dolah
Studies on Effects of Deuterium Oxide. II. Liver Function Studies in Deuterated Mice. pp. 71-73
Decker, C. F., Walter Chavin and William P. Norris
The Comparative Skeletal Retention of Calcium and Strontium in Epinephalus Striatus, Bloch. pp. 89-91

Br-46 Brues, Austin M., Director ANL-5597
Biological and Medical Research Division Quarterly Report. April, May, June, 1956.
Finkel, Miriam P. and Gertrude M. Schribner
Toxicity of Strontium-90 and of Calcium-45 in Mice. pp. 16-20
Sanderson, Margaret H. and S. Phyllis Stearner
The Effect of Ionizing Radiation on Fertility in the Female Mouse. II. Polonium-210 pp. 39-40
Thomson, John F., Florence J. Klipfel and Joseph J. Katz
Deuterium Oxide Intoxication in Rats. pp. 41-43
Speckman, Thomas W. and William P. Norris
The Retention of Strontium-85 in Rats as a Function of Animal Age at Injection, pp. 77-78
Holloway, Blanche J. and William P. Norris
Metabolism of Calcium-45 in Soft Tissues, pp. 79-80

Br-47 Brues, Austin M., Editor ANL-4451
Biological and Medical Divisions Quarterly Report February, March, April, 1950
Tyler, S. A. and Joan Gurian
Progress Report: A Comparative Study of the Time Patterns of Sr^{89} Excretion Characterizing Various Laboratory Animals. pp. 16-19

Br-48 Brues, Austin M., Director ANL-4948
Division of Biological and Medical Research Quarterly Report. November and December, 1952 and January, 1953
Stehney, A. F. and H. F. Lucas, Jr.
Elimination of Breath Radon at Room Air Levels. pp. 56-61

Br-49 Brues, Austin M., Director ANL-5486
Quarterly Report of Biological and Medical Research Division. October, 1955
Finkel, Miriam P., Juanita Lestina and Dorice Czajka
Radiostrontium and Felis Domesticus pp. 26-30
Gustafson, Philip F. and Leonidas D. Marinelli
Th^{227} Accident. pp. 93-95

Br-50 Brues, Austin M., Director ANL-5456
Quarterly Report of Biological and Medical Research Division for April, May, June, 1955
Finkel, Miriam P. and Gertrude M. Schribner
Toxicity of Strontium-90 and of Calcuim-45 in Mice. I. Status of Experiments 200 - 300 Days After Injection. pp. 36-37
Walton, Howard, Jr. and A. M. Brues
Radio-Ruthenium Transport in Mice. pp. 75-80

Br-51 Brues, Austin M.
Ionizing Radiations and Cancer, pp. 177-195 in Advances in Cancer Research Volume II, edited by Jesse P. Greenstein and Alexander Haddow, (1954)

Br-52 Brues, Austin M.
Pathologic Effects of Ionizing Radiation and Radioactive Material
Biochemical Journal 42: xxii (abstract) (1948)

Br-53 Argonne National Laboratory. Biological and Medical Research Division Semiannual Report. January through June, 1957. ANL-5732
Finkel, Miriam P., Robert J. Flynn, Juanita Lestina and Dorice M. Czajka
Radiostrontium at "Optimum Carcinogenic Level" in the Dog: Effect upon Morbidity of Total Blood Exchange Shortly After Injection. pp. 15-20
Finkel, Miriam P., Betty J. Tellekson, Juanita Lestina and Birute O. Biskis
The Influence of Dosage Pattern upon the Toxicity of Sr^{90} in Mice. I. Preliminary Experiment and 212-Day Survey of the Long-Term Study. p. 21-31

Bra-1 Braude, R., Audrey A. Free, J. E. Page and E. L. Smith
The Distribution of Radioactive Cobalt in Pigs
British Journal of Nutrition 3: 289-292 (1949)

Brd-1 Brudevold, Finn and Ludville T. Steadman
A Study of Copper in Human Enamel
Journal of Dental Research 34: 209-216 (1955)

Brd-2 Brudevold, Finn, L. T. Steadman, D. E. Gardner, J. Rowley and M. F. Little
Uptake of Tin and Fluorine by Intact Enamel
Journal of the American Dental Association 55: 159-164 (1956)

Brg-1 Berg, R.
Occurrence of Unusual Elements in Foods and Human Excreta
Biochem. Z. 165: 461-462 (1925)
C. A. 20: 2508 (1926)

Brn-1 Burn, J. H.
The Physiological Action of Aluminum
The Analyst 57: 428-440 (1932)

Bro-1 Bronner, Felix, Robert S. Harris, Constantine J. Maletskos and Clemens E. Benda
Studies in Calcium Metabolism. The Fate of Intravenously Injected Radiocalcium in Human Beings
Journal of Clinical Investigation 35: 78-88 (1956)

Bro-2 Wanner, Robert L., Joan R. Moor, Felix Bronner, Nancy S. Pearson and Robert S. Harris
Species Differences in Excretion of Intravenously Injected Calcium-45
Federation Proceedings 15: pages 575-576 or Abstract 1880 (1956)

Bru-1 Bruckmann, Gerhard and Samuel Georg Zondek
Iron, Copper and Manganese in Human Organs at Various Ages
Biochemical Journal 33: 1845-1857 (1939)

Brw-1 Brown-Grant, K. and J. G. Gibson
Uptake of Radioiodine by the Thyroid Gland of the Rabbit
Journal of Physiology 127: 328-340 (1955)

Bs-1 Bustad, L. K.
Chronic Toxicity of Radioiodine
Meeting of the Biomedical Program Directors of the United States Atomic Energy Commission. October 13-14, 1952. Official Use Only

Bs-2 Marks, S., N. L. Dockum and L. K. Bustad
Histopathology of Sheep Thyroid in Chronic Administration of Iodine-131
HW-38758 (August 23, 1955)

Bs-3 Bustad, L. K., L. A. George, Jr., S. Marks, D. E. Warner, C. M. Barnes, K. E. Herde and H. A. Kornberg
Biological Effects of Iodine-131 Chronically Administered to Sheep
HW-38757 (December 27, 1955)

Bs-4 Weeks, M. H., L. A. George, W. D. Oakley, L. K. Bustad and R. C. Thompson
Gastro-Intestinal Absorption of Plutonium. III. Comparison between Rat and Pig
HW-33744 (November, 1954)

Bs-5 Bustad, L. K., S. Marks, L. A. George, L. J. Seigneur
Thyroid Adenomas in Sheep Administered Iodine-131 Daily
Nature 179: 677 (March 30, 1957)

Bs-6 Bustad, L. K. and J. L. Terry
Basic Anatomical, Dietary and Physiological Data for Radiological Calculations
HW-41638 (1956)

Bs-7 Bustad, L. K., L. A. George, Jr., S. Marks, D. E. Warner, C. M. Barnes, K. E. Herde and H. A. Kornberg
Biological Effects of Iodine-131 Continuously Administered to Sheep
Radiation Research 6: 380-413 (1957)

Bs-8 See ADDITIONS

Bt-1 Bertrand, J. J., H. Waine and C. A. Tobias
Distribution of Gold in the Animal Body in Relation to Arthritis
Journal of Laboratory and Clinical Medicine 33: 1133-1138 (1948)

Bu-1 Bauman, Emil J., N. Zizmer, E. Oshry and S. M. Seidlin
Behavior of the Thyroid toward Elements of the Seventh Periodic Group II. Rhenium
Proceedings of the Society for Experimental Biology and Medicine 72: 502-506 (1949)

Bul-1 Bulkey, George J., John A. D. Cooper and V. J. O'Conor
Intraprostatic Injection of Radioactive Yttrium Chloride in the Dog
Surgery, Gynecology and Obstetrics 100: 405-408 (1955)

Bur-1 Burnot, F. R.
The Toxicity of Osmium Tetroxide (Osmic Acid)
Journal of Industrial Hygiene 15: 139-143 (1933)

Bw-1 Bale, William F.
Unpublished Memo entitled "Hazards Associated with Radon and Thoron"
March 14, 1951

Bw-2 Manery, Jeanne F. and W. F. Bale
The Penetration of Radioactive Sodium and Phosphorus into the Extra- and Intra- Cellular Phases of Tissues
American Journal of Physiology 132: 215-231 (1941)

Bw-3 Manly, Marian L. and William F. Bale
The Metabolism of Inorganic Phosphorus of Rat Bones and Teeth as Indicated by the Radioactive Isotope
Journal of Biological Chemistry 129: 125-134 (1939)

By-1 Bradley, William R. and William G. Fredrick
The Toxicity of Antimony
Industrial Medicine - Industrial Hygiene Section 10: 15-22 (1941)

Bz-1 Dougherty, Jean H., John Z. Bowers, R. C. Bay and P. Keyanonda
Comparison of Hematologic Effects of Internally Depositied Radium and Plutonium in Dogs
Radiology 65: 253-259 (August, 1955)

Ca-1 Casarett, G. W.
Histopathology of Alpha Radiation from Internally Administered Polonium
Part I. UR-201
Part II. UR-201 (1952)

Ca-2 Casarett, Louis J.
Autoradiographic Study of Effects of Route of Administration on Distribution of Polunium-210
UR-447 (1956)

Ca-3 Casarett, George W.
Pathologic Effects of Orally Administered Polonium
UR-477 (1956)

Ca-4 Morrow, Paul E., Frank A. Smith, Louis J. Casarett and R. J. Della Rosa
Absorption of Polonium from the Gastrointestinal Tract of the Cat
Journal of Pharmacology and Experimental Therapeutics 110: 40 (1954) Abstract.

Cal-1 Calvery, Herbert O.
Trace Elements in Foods
Food Research 7: 313-331 (1942)

Cas-1 Caster, W. O
Strontium-90 Hazard: Relationship between Maximum Permissible Concentration and Population Mean
Science 125: 1291 (1957)

Cat-1 Catsch, A.
Maximum Permissible Concentration of Radioisotopes
Atomkern Energie 2: 181-186 (1957) in German

Cat-2 Catsch, A.
The Influences of Isotopic and Nonisotopic Carriers on the Behavior of Sr^{90} in the Rat
Experientia 13: 312-313 (1957) in German
Nuclear Science Abstracts 11: 12654 (1957)

Cd-1 Copp, Harold
The Role of Nuclear Physics in Medicine and Dentistry.
II. Use of Radioactive Tracers in the Study of Bones and Teeth
American Journal of Orthodontic and Oral Surgery 33: 109-115 (1947)

Cd-2 Jones, D. C. and D. Harold Copp
Metabolism of Radioactive Strontium in Adult, Young and Rachitic Rats
Journal of Biological Chemistry 189: 509-514 (1951)

Cd-3 Jones, D. C. and D. Harold Copp
Studies of Bone Metabolism with the Aid of Radioactive Strontium
AECD-1962 (1948)

Ce-1 Cember, Hermann
Proposals for Further Studies on Long Hazards from Inhalation of Insoluble Radioactive Particulate Matter
AECU-3135 (1954)

Ce-2 Cember, Hemann, T. F. Hatch, J. A. Watson, T. Grucci and P. Bell
Elimination of Radioactive Barium Sulfate Particles from the Lung
Archives of Industrial Health 13: 170-176 (1956)

Cg-1 Cumings, J. N.
The Estimation of Potassium and Potassium Content of Normal Voluntary Muscle
Biochemical Journal 33: 642-644 (1939)

Cg-2 Cumings, J. N.
The Copper and Iron Content of Brain and Liver in the Normal and in Hepato-Lenticular Degeneration
Brain 71: 410-415 (1948)

Ch-1 Official Minutes of Chalk River Conference on Permissible Internal Dose. Held at Chalk River, Canada, September 29-30, 1949.
RM-10 Official Use Only

Cha-1 Chakraborty, K. P.
Variations in Uptake of Radioiodine in the Rat Following Different Modes of Administration
Journal of Endocrinology 13: 354-359 (1956)

Ci-1 Goldberg, R. C. and I. L. Chaikoff
Development of Thyroid Neoplasms in the Rat Following a Single Injection of Radioactive Iodine
Proceedings of the Society for Experimental Biology and Medicine 76: 563-566 (1951)

Ci-2 Potter, G. D., Alvin Taurog and I. L. Chaikoff
The Iodine-131 Irradiated Rat Thyroid: Its Altered Response to Various Stimuli and the Changes Induced in its Iodine Metabolism
Endocrinology 59: 12-26 (1956)

Ck-1 Cholak, Jacob
"Spectrographic Analysis of Biological Material. II. Bismuth"
Industrial and Engineering Chemistry 9: 26-27 (1937)

Ck-2 Cholak, Jacob and Donald M. Hubbard
"Determination of Cadmium in Biological Material"
Industrial and Engineering Chemistry, Annual Edition 16: 333-336 (1944)

Ck-3 Cholak, Jacob and Donald M. Hubbard
"Spectrographic Determination of Beryllium in Biological Material and in Air"
Analytical Chemistry 20: 73-76 (1948)

Ck-4 Cholak, Jacob and Robert V. Story
"Spectrochemical Determination of Trace Metals in Biological Material"
Journal of the Optical Society of America 31: 730-738 (1941)

Ck-5 Butts, Allison, Editor
Copper. The Science and Technology of the Metal, Its Alloys and Compounds.
Reinhold Publishing Corporation, New York City, New York (1954)
Heyroth, Francis F. and Jacob Cholak
Copper in Biology, pp. 853-863

Ck-6 Campbell, Irene R., Jules S. Cass, Jacob Cholak and Robert A. Kehoe
Aluminum in the Environment of Man. A Review of Its Hygienic Status
A.M.A. Archives of Industrial Health 15: 359-448 (1957)

Ck-7 Cholak, Jacob and Robert V. Story
Spectrographic Analysis of Biological Material III. Lead, Tin, Aluminum, Copper and Silver
Industrial and Engineering Chemistry--Analytical Edition 10: 619-622 (1938)

Ck-8 Cholak, Jacob, Donald M. Hubbard and Roland E. Burkey
Determination of Zinc in Biological Material
Industrial and Engineering Chemistry - Analytical Edition 15: 754-759 (1943)

Cl-1 Chamberlain, A. C. and R. C. Chadwick
Deposition of Airborne Radioiodine Vapor
Nucleonics 11: 22-25 (August, 1953)

Cl-2 Chamberlain, A. C. and E. D. Dyson
The Dose to the Trachea and Bronchi from the Decay Products of Radon and Thoron
A.E.R.E. HP/R 1737 (1955)
or
British Journal of Radiology 29: 317-325 (1956)

Cl-3 Bryant, F. J., and A. C. Chamberlain, A. Morgan and G. S. Spicer
Radiostrontium Fallout in Biological Materials in Britain
A.E.R.E. HP/R 2056 (1956)

Cl-4 Booker, D. V., F. J. Bryant, A. C. Chamberlain, A. Morgan and G. S. Spicer
Radiostrontium and Radiocaesium Measurement in Biological Materials
To December 1956
A.E.R.E. HP/R-2182 (1957)

Cl-5 Booker, D. V., F. J. Bryant, R. C. Chadwick, A. C. Chamberlain and A. Morgan
Radiostrontium Fallout in Soil, Plant and Bone up to December, 1955
A.E.R.E. HP/M 108 (1956)

Cl-6 and 7 See ADDITIONS

Clo-1 Close, Harold George
Chloride and Water Constitution of Tissues
Biochemical Journal 27: 967-975 (1933)

Cm-1 Campbell, I.G., D. F. White and P. R. Payne
Uptake of Tritium-labeled Water Vapour by Mammalian Lung
British Journal of Radiology 24: 682-684 (1951)

Cm-2 Campbell, J. E. and L. H. Talley
Association of Polonium-210 with Blood
Proceedings of the Society for Experimental Biology and Medicine 87: 221-223 (1954)

Cn-1 Cohn, S. H., R. K. Snow and J. K. Gong
Radon Inhalation Studies in Rats
Archives of Industrial Hygiene and Occupational Medicine 7: 508-515 (1953)

Co-1 Comar, C. L.
Radioisotopes in Nutritional Trace Element Studies.
II. Cobalt and Manganese
Nucleonics 3: 30-42 (October, 1948)

Co-2 Comar, C. L. and G. K. Davis
Cobalt Metabolism Studies.
IV. Tissue Distribution of Radioactive Cobalt Administered to Rabbits, Swine and Young Calves
Journal of Biological Chemistry 170: 379-389 (1947)

Co-3 Comar, C. L.
Radioisotopes in Nutritional Trace Element Studies.
III. Copper, Molybdenum and Zinc
Nucleonics 3: 34-48 (November, 1948)

Co-4 Comar, C. L., Leon Singer and G. K. Davis
Molybdenum Metabolism and Interrelationships with Copper and Phosphorus
Journal of Biological Chemistry 180: 913-922 (1949)

Co-5 Comar, C. L. and G. K. Davis
Cobalt Metabolism Studies
III. Excretion and Tissue Distribution of Radioactive Cobalt Administered to Cattle
Archives of Biochemistry 12: 257-266 (1947)

Co-6 Comar, C. L., G. K. Davis and Leon Singer
Fate of Radioactive Copper Administered to the Bovine
Journal of Biological Chemistry 174: 905-914 (1948)

Co-7 Comar, C. L., Director
University of Tennessee - Atomic Energy Commission Agricultural Research Program. Quarterly Progress and Work Accomplishment Report for Quarter Ending June 30, 1952.

Co-8 Comar, C. L., Director
University of Tennessee - Atomic Energy Commission Agricultural Research Program. Quarterly Progress Work Accomplishment Report for Quarter Ending December 31, 1952

Co-9 Comar, C. L., Sam L. Hansard and M. P. Plumlee
Absorption and Tissue Distribution of Radiocalcium in Cattle
Journal of Animal Science 11: 524-535 (1952)

Co-10 Comar, C. L. and S. L. Hood, Editors TID-5115
The Role of Atomic Energy in Agricultural Research. Proceedings of the Fourth Annual Oak Ridge Summer Symposium - August 25-30, 1952
Davis, George K.
Isotope Studies with Trace Elements in Animal Nutrition. pp. 171-184
Comar, C. L.
Skeletal Metabolism Studies with Radiocalcium. pp. 225-239
Skipper, Howard E.
Carbon 14 Studies in Animals and Health Hazards. pp. 241-252

Co-11 Hansard, Sam L., C. L. Comar and G. K. Davis
Effects of Age upon the Physiologic Behavior of Calcium in Cattle
American Journal of Physiology 177: 383-389 (1954)

Co-12 Hood, S. L. and C. L. Comar
Metabolism of Cesium-137 in Laboratory and Domestic Animals
ORO-91 (1953)
also
Archives of Biochemistry and Biophysics 45: 423-433 (1953)

Co-13 Comar, C. L., Director
University of Tennessee - Atomic Energy Commission Agricultural Research Program. Semi-Annual Progress Report for January 1, 1954 to June 30, 1954.
ORO-133

Co-14 Hansard, Sam L., C. L. Comar and M. P. Plumlee
Effect of Calcium Status, Mass of Calcium Administered and Age on Ca^{45} Metabolism in the Rat
Proceedings of the Society for Experimental Biology and Medicine 78: 455-460 (1951)

Co-15 Visek, W. J., R. A. Monroe, E. W. Swanson and C. L. Comar
Calcium Metabolism in Dairy Cows Studied with Calcium-45
Journal of Dairy Science 36: 373-384 (1953)

Co-16 Comar, C. L., W. E. Lotz and G. A. Boyd
Autographic Studies of Calcium, Phosphorus and Strontium Distribution in the Bones of the Growing Pig
American Journal of Anatomy 90: 113-129 (1952)

Co-17 Comar, C. L. Director
University of Tennessee - Atomic Energy Commission Agricultural Research Program. Semi-Annual Progress Report for July 1 to December 31, 1953
ORO-110

Co-18 Comar, C. L., Director
University of Tennessee - Atomic Energy Commission Agricultural Research Program. Quarterly Progress Report for Two Quarters ending March 31, 1953 and June 30, 1953. ORO-98

Co-19 Visek, W. J., I. B. Whitney, U. S. G. Kuhn III, and C. L. Comar
Metabolism of Cr^{51} by Animals as Influenced by Chemical State
Proceedings of the Society for Experimental Biology and Medicine 84: 610-615 (1953)

Co-20 Kulwich, R., S. L. Hansard, C. L. Comar and G. K. Davis
Copper, Molybdenum and Zinc Interrelationships in Rats and Swine
Proceedings of the Society for Experimental Biology and Medicine 84: 487-491 (1953)

Co-21 Comar, C. L.
Radioisotopes in Biology and Agriculture. Principles and Practice
McGraw-Hill Book Company, Inc., New York City, New York (1955)

Co-22 Comar, C. L., G. K. Davis and Ruth F. Taylor
Cobalt Metabolism Studies. I. Radioactive Cobalt Procedures with Rats and Cattle
Archives of Biochemistry 9: 149-158 (1946)

Co-23 Monroe, R. A., H. Patrick, C. L. Comar and O. E. Goff
Metabolism of Vitamin B_{12}. The Comparative Excretion and Distribution in the Chick of Co^{60} and Vitamin B_{12} Labeled with Co^{60}
Poultry Science 31: 79-84 (1952)

Co-24 Comar, C. L., I. B. Whitney and F. W. Lengemann
Comparative Utilization of Dietary Strontium-90 and Calcium by the Developing Rat Fetus and Growing Rat
Proceedings of the Society for Experimental Biology and Medicine 88: 232-236 (1955)

Co-25 Comar, C. L., R. H. Wasserman and M. M. Nold
Strontium-Calcium Discrimination Factors in the Rat
Proceedings of the Society for Experimental Biology and Medicine 92: 859-863 (1956)

Co-26 Perkinson, Jesse D., Jr., Ira B. Whitney, R. A. Monroe, W. E. Lotz and C. L. Comar
Metabolism of Fluorine-18 in Domestic Animals
American Journal of Physiology 182: 383-389 (1955)

Co-27 Hansard, Sam L., C. L. Comar and M. P. Plumlee
Effects of Age upon Calcium Utilization and Maintenance Requirements in the Bovine
Journal of Animal Science 13: 25-36 (1954)

Co-28 Lengemann, F. W., C. L. Comar and R. H. Wasserman
Absorption of Calcium and Strontium from Milk and Nonmilk Diets
Journal of Nutrition 61: 571-583 (1957)

Co-29 Comar, C. L., R. H. Wasserman, Sven Ullberg and G. A. Andrews
Strontium Metabolism and Strontium-Calcium Discrimination in Man
Proceedings of the Society for Experimental Biology and Medicine 95: 386-391 (1957)

Co-30 Johnston, Perry M. and Cyril L. Comar
Autoradiographic Studies of the Utilization of S^{35}-Sulfate by the Chick Embryo
Journal of Biophysical and Biochemical Cytology 3: 231-238 (1957)

Co-31 Comar, C. L., R. Scott Russell, and R. H. Wasserman
Strontium-Calcium Movement from Soil to Man
Science 126: 485-492 (1957)

Co-32 Wasserman, R. H., C. L. Comar and M. M. Nold
Influence of Amino Acids and Other Organic Compounds on Gastrointestinal Absorption of Radiocalcium and Radiostrontium
Federation Proceedings 15: page 576 or abstract 1881 (1956)

Co-33 Bélanger, L. F., W. E. Lotz, W. J. Visek and C. L. Comar
Autoradiographic Visualization with Calcium-45 of Normal Growth of the Incisor of Pigs and the Effect of Fluorine Feeding
Anatomical Record 119: 53-69 (1954)

Co-34 Comar, C. L., M. M. Nold and R. L. Hayes
Estimated Tissue Dose from Internally Administered Radioisotopes
Quarterly Progress Report. March 1, 1957 - June 1, 1957
(Unpublished data as of October 30, 1957)

Co-35 Wasserman, R. H., C. L. Comar, M. M. Nold and F. W. Lengemann
Placental Transfer of Calcium and Strontium in the Rat and Rabbit
American Journal of Physiology 189: 91-97 (1957)

Co-36 Wasserman, R. H., C. L. Comar and M. M. Nold
The Influence of Amino Acids and Other Organic Compounds on the Gastrointestinal Absorption of Calcium-45 and Strontium-89 in the Rat
Journal of Nutrition 59: 371-383 (1956)

Co-37 Talmage, Roy V., J. C. Schooley and C. L. Comar
Differential Removal of Strontium-85 and Calcium-45 from the Rat Skeleton by Peritoneal Lavage
Proceedings of the Society for Experimental Biology and Medicine 95: 413-417 (1957)

Co-38 Comar, C. L., Editor
Atomic Energy and Agriculture
Publication No. 49 of the American Association for the Advancement of Science (1957)
Davis, George K.
Radioactive Micronutrients in Animal Metabolism. pp 231-248
Comar, C. L. and R. H. Wasserman
Macronutrient Metabolism. pp 249-304

Co-39 Comar, C. L. Director
University of Tennessee - Atomic Energy Commission. Agricultural Research Program. Quarterly Progress and Work Accomplishment Report for Quarter Ending September 30, 1952.
Fission Product Metabolism. Cesium and Yttrium. pp 4-5
Calcium Metabolism in Animals. pp 6-16
Phosphorus Metabolism in Animals. pp 17-32
Calcium Metabolism in Dairy Cows as Studied with Ca^{45}, pp 34-44

Com-1 Comel, M.
Physiological Action of Strontium
Atti. Accad. Naz Lincei. 9: 663-665 (1929)
C. A. 23: 4974 (1929)

Com-2 Comel, M.
Is Strontium Fixed in Tissues?
Atti. Accad. Naz Lincei. 11: 321-324 (1930)
C. A. 24: 3560 (1930)

Con-1 Conn, Lillian W., Harry L. Webster and Arnold H. Johnson
Chromium Toxicology. Absorption of Chromium by the Rat When Milk Containing Chromium was Fed
American Journal of Hygiene 15: 760-765 (1932)

Cor-1 Cornfield, Jerome
Retention of Radon by the Mouse
Part II. Method of Estimating the Biodecay from Experimental Data
Nucleonics 5, No. 4, 68-75 (1949)

Cow-1 Conway, E. J. and J. C. Flood
Microdetermination of Bromide, with Application to Blood and Urine and Observations on the Normal Human Subject
Biochemical Journal 30: 716-727 (1936)

Cox-1 Cox, Alvin J., Jr. and Eleanor B. Rodgerson
Action of Thallium in Experimental Animals
Proceedings of the Society for Experimental Biology and Medicine 32: 653-655 (1934-1935)

Cp-1 Cooper, L. F., E. M. Barber and H. S. Mitchell
Nutrition in Health and Disease
J. P. Lippincott Publishers, Philadelphia (1941)

Cr-1 Cochran, K. W., John Doull, Marcella Mazur and K. P. DuBois
Acute Toxicity of Zirconium, Columbium, Lanthanum, Cesium, Tantalum and Yttrium
Archives of Industrial Hygiene and Occupational Medicine 1: 637-650 (1950)

Cr-2 Coon, Julius M., Director M-4438
University of Chicago Toxicity Laboratory Quarterly Progress Report Number One on Radiobiology (April 12, 1949)
Cochran, Kenneth W., Marcella Mazur, John Doull and Kenneth P. DuBois
Studies on Zirconium, Tantalum, Columbium, Strontium and Lanthanum
I. Acute Toxicity and Effects on Enzymatic Reactions. pp. 11-21

Cra-1 Crandall, Lathan A., Jr.
The Absorption of Barium Sulfate and Non-Absorption of Zirconium Dioxide from the Gastrointestinal Tract
Gastroenterology 13: 513-526 (1949)

Cs-1 Carlsson, Arvid
Metabolism of Radiocalcium in Relation to Calcium Intake in Young Rats
Acta Pharmacalogica et Toxicologica 7: Supplement (1) 1-74 (1950)

Ct-1 Culbertson, W. F. J., Audrey A. Free and Doreen M. Thornton
Distribution of Radioactive Cobalt in the Rat
British Journal of Nutrition 4: 42-48 (1950)

Ct-2 Cuthbertson, W. F. J.
Trace Metals in Human Nutrition
Chemistry and Industry, pages 391-393 (June 19, 1948)

Cu-1 Cruickshank, D. B.
Frequency Distribution of the Zinc Concentrations in the Dental Tissues of the Normal Population
Biochemical Journal 44: 299-302 (1944)

Cv-1 Cuiko, V. T. and A. O. Voinar
The Titanium Content of the Animal Organism
Biochemical Journal 14: 191-197 (in Russian)
14: 199-201 (in English)

Cw-1 Cowie, Dean B., Alfred H. Lawton, A. T. Ness, Frederick J. Brady and Glen E. Ogden
Localization of Radioactive Antimony Following Multiple Daily Injections to a Dog Infected with Dirofilaria Immitis
Journal of the Washington Academy of Sciences 35: No. 6, 192 (June 15, 1945)

Cw-2 Ness, A. T., Frederick J. Brady, D. B. Cowie and Alfred H. Lawton
Anomalous Distribution of Antimony in White Rats Following the Administration of Tartar Emetic
Journal of Pharmacology and Experimental Therapeutics 90: 174-180 (1947)

Cw-3 Brady, Frederick J., Alfred H. Lawton, Dean B. Cowie, Howard L. Andrews, A. T. Ness and Glen E. Ogden
Localization of Trivalent Radioactive Antimony Following Intravenous Administration to Dogs Infected with Dirofilaria Immitis
The American Journal of Tropical Medicine 25: 103-107 (1945)

Cw-4 Bartter, F. C., D. B. Cowie, Harry Most, A. T. Ness and Scott Forbush
The Fate of Radioactive Tartar Emetic Administered to Human Subjects
I. Blood Concentration and Excretion Following Single and Multiple Intravenous Injections
Journal of Tropical Medicine 27: 403-416 (1947)

D Definition

Da-1 Davis, Francis J.
Personal Communication

Dal-1 Dale, Peter P.
Oral Conditions Upon Chronic Exposure to UF_6 for Six Months
AECD-2329 (Declassified 1948)

Db-1 Dubach, Reubenia, C. V. Moore and Virginia Minnich
Studies in Iron Transportation and Metabolism
V. Utilization of Intravenously Injected Radioactive Iron for Hemoglobin Synthesis and an Evaluation of the Radioactive Iron Method for Studying Iron Absorption

Journal of Laboratory and Clinical Medicine 31: 1201-1222 (1946)

Db-2 Dubach, Reubenia, C. V. Moore and Sheila Callender
Iron Excretion in Human Subjects as Measured by the Isotope Technique
Federation Proceedings 8: 353 (1949)

Db-3 Moore, C. V., Reubenia Dubach, Virginia Minnich and H. K. Roberts
Absorption of Ferrous and Ferric Radioactive Iron by Human Subjects and by Dogs
Journal of Clinical Investigation 23: 755-767 (1944)

Db4 Dubach, Reubenia, S. T. E. Callender and C. V. Moore
Studies in Iron Transportation and Metabolism
VI. Absorption of Radioactive Iron in Patients with Fever and with Anemias of Varied Etiology
Blood 3: 526-540 (1948)

Db-5 Moore, C. V. and Reubenia Dubach
Observations on the Absorption of Iron from Foods Tagged with Radioiron
Transactions of the Association of American Physicians 64: 245-256 (1951)

Dc-1 Ducoff, Howard S., William B. Neal, R. L. Straube, L. O. Jacobson and A. M. Brues
Biological Studies with Arsenic-76. II. Excretion and Tissue Localization
Proceedings of the Society for Experimental Biology and Medicine 69: 548-554 (1948)

Dd-1 Dziewiatkowski, Dominic D.
Conversion of Sulfide Sulfur to Cystine Sulfur in the Rat with the Use of Radioactive Sulfur
Journal of Biological Chemistry 164: 165-171 (1946)

Dd-2 Dziewiatkowski, Dominic D.
Radioautographic Studies of Sulfate Sulfur (S^{35}) Metabolism in the Articular Cartilage and Bone of Suckling Rats
Journal of Experimental Medicine 95: 489-495 (1952)

Dd-3 Dziewiatkowski, Dominic D.
Rate of Excretion of Radioactive Sulfur and Its Concentration in Some Tissues of the Rat after Intraperitoneal Administration of Labeled Sodium Sulfate
Journal of Biological Chemistry 178: 197-202 (1949)

Dd-4 Dziewiatkowski, Dominic D.
On the Utilization of Exogenous Sulfate Sulfur by the Rat in the Formation of Ethereal Sulfates as Indicated by the Use of Sodium Sulfate Labeled with Radioactive Sulfur
Journal of Biological Chemistry 178: 389-393 (1949)

Dd-5 Dziewiatkowski, Dominic D., Ruth E. Benesch and Reinhold Benesch
On the Possible Utilization of Sulfate Sulfur by the Suckling Rat for the Synthesis of Chondroitin Sulfate as Indicated by the Use of Radioactive Sulfur
Journal of Biological Chemistry 178: 931-938 (1949)

Dd-6 Dziewiatkowski, Dominic D.
Fate of Ingested Sulfide Sulfur Labeled with Radioactive Sulfur in the Rat
Journal of Biological Chemistry 161: 723-729 (1945)

Dd-7 Dziewiatkowski, Dominic D.
Sulfate-Sulfur Metabolism in the Rat Fetus as Indicated by Sulfur-35
Journal of Experimental Medicine 98: 119-128 (1953)

Dd-8 Dziewiatkowski, D. D., Felix Bronner, Nicola Di Ferrante and Reginald M. Archibald
Some Aspects of the Metabolism of Sulfate-S^{35} and Calcium-45 in the Metaphyses of Immature Rats
Journal of Biophysical and Biochemical Cytology 3: 151-160 (1957)

Dd-9 Dziewiatkowski, Dominic D.
Some Aspects of the Metabolism of Chondroitin Sulfate-S^{35} in the Rat
Journal of Biological Chemistry 233: 239-249 (1956)

De-1 DeMeio, R. H. and F. C. Henriques, Jr.
Tellurium: IV. Excretion and Distribution in Tissues Studied with a Radioactive Isotope
Journal of Biological Chemistry 169: 609-623 (1947)

De-2 DeMeio, R.H.
Tellurium: I. The Toxicity of Ingested Tellurium for Rats and Rat Tissues
Journal of Industrial Hygiene 28: 229-232 (1946)

Dea-1 Dearborn, Earl H., Arthur S. Kunin and Arnold S. Relman
A Comparison of the Renal Excretion of Rubidium and Potassium (Abstract)
Journal of Pharmacology and Experimental Therapeutics 116: 14-15 (1956)

Dek-1 Denko, Charles W. and Robert E. Priest
Distribution of Radiosulfur, S^{35}
I. In the Human Adult
II. In the Young and Adult Rat
Journal of Laboratory and Clinical Medicine 50: 107-112 (1957)

Del-1 Della Rosa, R. J.
The Acute Toxicity and Retention of Intratracheally Administered Polonium^{210} in the Rat
UR-431 (1956)

Den-1 De, N. K.
Spectrographic Examination of Some Indian Milks
Indian Journal of Medical Research 22: 499-508 (1935)

Dew-1 DeWitt, Lydia M., Sidney M. Cadwell and Gladys Leavell
Distribution of Gold in Animal Tissues
Journal of Pharmacology and Experimental Therapeutics 11: 357-378 (1918)

Di-1 Daniel, Esther Peterson and R. D. Lillie
Experimental Vanadium Poisoning in the White Rat
Public Health Reports 53: Part I, 765-777 (1938)

Di-2 Daniel, Esther Peterson and Elizabeth M. Hewston
Vanadium - A Consideration of Its Possible Biological Role
American Journal of Physiology 136: 772-775 (1942)

Dic-1 Dick, A. T.
Molybdenum in Animal Nutrition
Soil Science 81: 229-236 (1956)

Dic-2 Dick, A. T.
Studies on the Assimilation and Storage of Copper in Crossbred Sheep
Australian Journal of Agricultural Research 5: 511-544 (1954)

DiS-1 DiStefano, E., L. Previtera and G. Albanese
Distribution of Cobalt in Guinea Pig Parenchyma
Boll. Soc. Ital. Biol. Sper. 31: 198-199 (1955)
C. A. 49: 13440 C (1955)

Dk-1 Duckworth, J. and R. Hill
Storage of Elements in the Skeleton
Nutrition Abstracts and Reviews 23: 1-17 (1953)

Dl-1 DeLong, Chester W.
HW-21778 (July 30, 1951)

Dn-1 Stevens, Catherine and S. A. D'Angelo
Relative Rates of Biological Decay of Thyroidal I^{131} in Rat and Guinea Pig
Proceedings of the Society for Experimental Biology and Medicine 85: 633-635 (1954)

Do-1 University of Chicago Toxicity Laboratory Quarterly Progress Report Number 8
Doull, John and Kenneth P. DuBois
Metabolism and Toxicity of Radioactive Metals Zirconium-95-Columbium-95, Yttrium-91 and Barium-140. pp. 1-16
COO-35 Official Use Only (January 15, 1951)

Do-2 Coon, Julius M., Director M-4439 (July 15, 1949)
Quarterly Progress Report of the Toxicity Laboratory - University of Chicago
DuBois, Kenneth P., Kenneth W. Cochran, Marcella Mazur and John Doull
Studies on Zirconium, Columbium, Strontium, Lanthanum, Cesium, Tantalum and Yttrium.
I. The Acute Toxicity of the Stable Compounds to Rats. pp. 1-11
II. Metabolism and Toxicity of Radioactive Tantalum. pp. 12-13

Do-3 University of Chicago Toxicity Laboratory Quarterly Progress Report Number 7
COO-22 Official Use Only. (October 15, 1950)
Doull, John, M. F. Sullivan and Kenneth P. DuBois
Metabolism and Toxicity of Radioactive Metals. V. Columbium 95, Yttrium 91 and Tantalum 182. pp. 1-13

Dog-1 Dongier, M., E. D. Wittkower, L. Stephens-Newsham and M. M. Hoffman
Psychophysiological Studies in Thyroid Function
Psychosomatic Medicine 18: 310-323 (1956)

Don-1 Doniach, I. and J. H. Logothetopoulos
Radioautography of Inorganic Iodide in the Thyroid
Journal of Endocrinology 13: 65-69 (1955)

Dr-1 Deane, Norman and Homer W. Smith
Distribution of Sodium and Potassium in Man
Journal of Clinical Investigation 31: 197-199 (1952)

Dr-2 Deane, Norman, Morris Ziff and Homer W. Smith
Distribution of Total Chloride in Man
Journal of Clinical Investigation 31: 200-203 (1952)

Dri-1 Hegsted, D. Mark, John M. McKibbin and Cecil K. Drinker
The Biological, Hygienic and Medical Properties of Zinc and Zinc Compounds
Public Health Reports. Supplement No. 179: pp. 1-44 (1945)

Dru-1 Drury, Douglas, R., Arne N. Wick and Mary Carol Almen
Rate of Elimination of Labeled CO_2 from the Body
American Journal of Physiology 186: 361-364 (1956)

Dt-1 Datta, N. C.
Metallic Contamination of Foodstuffs. Part III. The Effect of Continued Administration of Tin from Tinned Brass Vessels on Growth - The Excretion and Absorption of Tin in the Rat
Indian Journal of Medical Research 28: 451-461 (1940)

Du-1 Dudley, H. C., G. Maddox and H. C. LaRue
Studies of the Metabolism of Gallium
NM-011-013 (Report Number 4) (1949)
or
Journal of Pharmacology and Experimental Therapeutics 96: 135-138 (1949)

Du-2 Dudley, H. C. and M. D. Levine
Studies of the Acute Toxicity of Gallium
NM-011-013 (Report Number 3) (1949)

Du-3 Dudley, H. C.
Determination of Gallium in Biological Materials
Journal of Pharmacology and Experimental Therapeutics 95: 482-486 (1949)

Du-4 Dudley, H. C. and M. C. Levine
Studies of the Toxic Action of Gallium
Journal of Pharmacology and Experimental Therapeutics 95: 487-493 (1949)

Du-5 Dudley, H. C., J. I. Munn and Katherine Henry
Studies of the Metabolism of Gallium. II.
Journal of Pharmacology and Experimental Therapeutics 98: 105-110 (1950)

Du-6 Dudley, H. C., K. E. Henry and B. F. Lindsley
Studies of the Toxic Action of Gallium. II.
Journal of Pharmacology and Experimental Therapeutics 98: 409-417 (1950)

Du-7 Dudley, H. C. and G. E. Maddox
Deposition of Radiogallium (Ga^{72}) in Skeletal Tissues
Journal of Pharmacology and Experimental Therapeutics 96: 224-227 (1949)

Du-8 Dudley, H. C.
Pharmacological Studies of Radiogermanium (Ge^{71}). II. Inhalation of Dusts
Archives of Industrial Hygiene and Occupational Medicine 8: 528-530 (1953)

Du-9 Dudley, H. C. and E. J. Wallace
Pharmacological Studies of Radiogermanium (Ge^{71})
Archives of Industrial Hygiene and Occupational Medicine 6: 263-270 (1952)

Du-10 King, E. R., M. W. Mason, H. B. Messinger and H. C. Dudley
A Preliminary Report on the Use of Gallium-72 in Clinical Tracer Studies
Radiology 59: 844-848 (1952)

Du-11 English, J. A. and H. C. Dudley
Distribution of Radioactive Gallium in Teeth and Jaws of Experimental Animals
Journal of Dental Research 29: 93-100 (1950)

Du-12 Dudley, H. C., G. W. Imirie, Jr. and J. T. Istock
Deposition of Radiogallium (Ga^{72}) in Proliferating Tissues
Radiology 55: 571-578 (1950)

Du-13 Mulay, W. C. amd H. C. Dudley
Studies of Radiogallium as a Diagnostic Agent in Bone Tumors
Journal of Laboratory and Clinical Medicine 37: 239-252 (1951)

Du-14 Dudley, H. C.
Selenium as a Potential Industrial Hazard
U.S. Public Health Reports 53: 281-292 (1938)

Du-15 Munn, J. I., N. H. Walters and H. C. Dudley
Urinary Excretion of Gallium by Man and Animals
Journal of Laboratory and Clinical Medicine 37: 676-682 (1951)

Du-16 Dudley, H. C.
Toxicology of Selenium
I. A Study of the Distribution of Selenium in Acute and Chronic Cases of Selenium Poisoning
American Journal of Hygiene 23: 169-180 (1936)

II. The Urinary Excretion of Selenium
American Journal of Hygiene 23: 181-186 (1936)

Du-17 Dudley, H. C.
Influence of Chelates on the Metabolism of Radioyttrium (Y^{90})
Journal of Laboratory and Clinical Medicine 45: 792-799 (1955)

Du-18 Dudley, H. C. and Joseph Greenberg
Influence of Chelates on the Metabolism of Radioyttrium (Y^{90}). II.
Journal of Laboratory and Clinical Medicine 47: 891-897 (1956)

Du-19 Dudley, H. C. and H. H. Marrer
Studies of the Metabolism of Gallium. III. Deposition in and Clearance from Bone
Journal of Pharmacology and Experimental Therapeutics 106: 129-134 (1952)

Dun-1 Dunning, Gordon M.
Two Ways to Estimate Thyroid Dose from Radioiodine in Fallout
Nucleonics 14: 38-41 (1956)

Dur-1 Watts, R. W. E. and Patricia W. Durbin
The Distribution and Acute Effects of Large Doses of Iodine-131 in the Rat
UCRL-3376 (1956)

Dur-2 Durbin, Patricia W.
Personal Communication to Dr. Karl Z. Morgan. February 28, 1957

Dv-1 Arrington, L. R. and G. K. Davis
Metabolism of Phosphorus-32 and Molybdenum-99 in Rats Receiving High Calcium Diets
Journal of Nutrition 55: 185-192 (1955)

Dw-1 Dowdy, Andrew
Monthly Progress Report for May, 1947. Part II. Radiology and Biophysics
M-1973

Dw-2 Dowdy, Andrew
Quarterly Technical Report - University of Rochester. July 1, 1947 to September 30, 1947
M-2002

Dx-1 Dixon, Theodore Frederic
Bromine in the Tissues
Biochemical Journal 29: 86-89 (1935)

Dy-1 Dudley, R. A. and B. M. Dabyns
The Use of Autoradiographs in the Quantitative Determination of Radiation Dosages from Calcium-45 in the Bone
Science 109: 327-328 (1949)

Ea-1 Evans, Robley D., Robert S. Harris and J. W. M. Bunker
Radium Metabolism in Rats and the Production of Osteogenic Sarcoma by Experimental Radium Poisoning
American Journal of Roentgenology and Radium Therapy 52: 353-373 (1944)

Ea-2 Evans, Robley D.
Radium Poisoning: A Review of Present Knowledge
American Journal of Public Health 23: 1017-1033 (1933)

Ea-3 Lange, K. and R. D. Evans
Absorption of Radon through the Skin and Its Exhalation through the Lungs
Radiology 48: 514-516 (1947)

Ea-4 Evans, Robley D.
Protection of Radium Dial Workers and Radiologists from Injury by Radium
Journal of Industrial Hygiene and Toxicology 25: 253-274 (1943)

Ea-5 Evans, Robley D.
Radium Poisoning. II. The Quantitative Determination of the Radium Content and Radium Elimination Rate of Living Persons
American Journal of Roentgenology and Radium Therapy 37: 368-378 (1937)

Ea-6 Hertz, S., A. Roberts, J. H. Means and R. D. Evans
Radioactive Iodine as an Indicator in Thyroid Physiology
American Journal of Physiology 128: 565-576 (1939)

Ea-7 Dunlap, C. E., J. C. Aub, R. D. Evans and R. S. Harris
Transplantable Osteogenic Sarcomas Induced in Rats by Feeding Radium
American Journal of Pathology 20: 1-15 (1944)

Ea-8 Hertz, S., A. Roberts and R. D. Evans
Radioactive Iodine as an Indicator in the Study of Thyroid Physiology
Proceedings of the Society for Experimental Biology and Medicine 38: 510 (1938)

Ea-9 Evans, Robley D.
Quantitative Aspects of Radiation Carcinogenesis in Humans
Acta International Union Against Cancer 6: 1229-1237 (1950)

Ea-10 Evans, Robley D., Project Leader
Radium and Mesothorium Poisoning and Dosimetry and Instrumentation Techniques in Applied Radioactivity
AECU-3504 (1957)

Ed-1 Editorial
Radium Poisoning
American Journal of Public Health 23: 350-351 (1933)

Ed-2 Editorial
Strontium-90 in Man
British Medical Journal Number 5021; pp. 752-753 (March 30, 1957)

Ed-3 Editorial
Strontium-90 in Man
Current Science 26: 140 (May, 1957)

Ed-4 Editorial
Pharmacological Effects of Aluminum
Chemistry and Industry 12: 137 (1934)

Ef-1 Elftman, Herbert, Alice G. Elftman and Raymund L. Zwemer
Histochemical Distribution of Gold after Administration of Gold Chloride
Anatomical Record 96: 341-354 (1946)

Eg-1 Edington, G. M., J. M. Judd and A. H. Ward
Toxicity of Radiostrontium in Monkeys
Nature 172: 122-123 (1953)

Eg-2 Edington, G. M., A. H. Ward, J. M. Judd and R. H. Mole
The Acute Lethal Effects in Monkeys of Radiostrontium
Journal of Pathology and Bacteriology 71: 277-293 (1956)

Eg-3 Edington, G. M., J. M. Judd and A. H. Ward
Delayed Toxicity of Radiostrontium in Monkeys
Nature 175: 33 (1955)

Ega-1 Egashira, Yasuyuki and Takeshige Sakurabayashi
Radioactivity of Human Organs
Japanese Journal of Medical Science and Biology 9: 113-116 (1956)

Ei-1 Eisenbud, Merril
Global Distribution of Strontium-90 from Nuclear Detonations
Scientific Monthly 84: 237-244 (1957)

Ei-2 Eisenbud, Merril
Global Distribution of Radioactivity from Nuclear Detonations with Special Reference to Strontium-90
Journal of the Washington Academy of Sciences 47: 180-188 (1957)

Ei-3 Eisenbud, Merril and John H. Harley
Radioactive Fallout in the United States
Science 121: 677-680 (1955)

Ei-4 Eisenbud, Merril and John H. Harley
Radioactive Fallout through September, 1955
Science 124: 251-255 (1956)

Ei-5 Harley, John H., Edward P. Hardy, Jr., George A. Welford, Ira B. Whitney and Merril Eisenbud
Summary of Analytical Results from the HASL Strontium Program to June 1956
NYO-4751 (1956)

Ej-1 Hove, E., C. A. Elvenhjem and E. B. Hart
Arsenic in the Nutrition of the Rat
American Journal of Physiology 124: 205-212 (1938)

Ej-2 Hove, E., C. A. Elvenhjem and E. B. Hart
Physiology of Zinc in the Nutrition of Rat
American Journal of Physiology 119: 768-775 (1937)

Ej-3 Wachtel, L. W., C. A. Elvenhjem and E. B. Hart
Studies on the Physiology of Manganese in the Rat
American Journal of Physiology 140: 72-82 (1943)

Ej-4 Boyden, Ruth, V. R. Potter and C. A. Elvenhjem
Effect of Feeding High Levels of Copper to Albino Rats
Journal of Nutrition 15: 397-402 (1938)

Ej-5 Teresi, J. D., C. A. Elvenhjem and E. B. Hart
Molybdenum in the Nutrition of the Rat
American Journal of Physiology 137: 504-508 (1942)

El-1 Ely, J. O.
Distribution of Radiophosphorus and Radiogold after Oral, Intraperitoneal and Subcutaneous Administration
Journal of the Franklin Institute 230: 125-130 (1940)

Em-1 Edelman, I. S., A. H. James and F. D. Moore
Penetration of Sodium and Water into Bone as Measured with Radiosodium and D_2O
Proceedings of Federation of American Societies for Experimental Biology 11: 40-41 (1952)

Em-2 Edelman, I. S., A. H. James and H. Baden and F. D. Moore
Electrolyte Composition of Bone and the Penetration of Radiosodium and Deuterium Oxide into Dog and Human Bone
Journal of Clinical Investigation 33: 122-131 (1954)

En-1 Engfeldt, B., A. Engström and H. Boström
The Localization of Radiosulfate in Bone Tissue
Experimental Cellular Research 6: 251-253 (1954)

En-2 Engfeldt, B., R. Björnerstedt, C. J. Clemedson and A. Engström
A Preliminary Study of the In Vivo and In Vitro Uptake of Sr^{90} in Bone Tissue and the Osseous Localization of Radioactive Fission Products from Atomic Explosions
Acta Orthopaedica Scandinavica 24: 101-114 (1954)

En-3 Engfeldt, B. and S. O. Hjertquist
Biophysical Studies on Bone Tissue. X. The In Vivo and In Vitro Uptake of Radioactive Isotopes and Ionic-exchange Reactions in Bone Tissue
Acta Pathol. Microbiol. Scand. 35: 205-216 (1954)
C.A. 49: 1914 f (1955)

Et-1 Easton, Thomas W.
Retention of Injected Colloidal Thorium Dioxide in the Body of the Laboratory Mouse
Anatomical Record 108: 515 (1950)

Ev-1 Everett, Mark R.
Medical Biochemistry
Paul B. Hoeber, Inc., New York (1946)

Ew-1 Eggleton, William George Elford
The Occurrence of Zinc in Foodstuffs and in the Human Body
The Caduceus 17: 103-128 (1938)

Ew-2 Eggleton, William George Elford
Trace Elements in Nutrition
The Caduceus 17: 47-73 (1938)

Ey-1 Emery, E. W., R. Holmes, H. E. F. Davies and D. A. K. Black
Renal Uptake of Radioactive Potassium
Clinical Science 14: 241-244 (1955)

Fa-1 Fairhall, Lawrence T.
Industrial Toxicology
Williams and Wilkins Company, Baltimore (1949)

Fa-2 Fairhall, L. T. and Frances Hyslop
Toxicology of Antimony
Public Health Reports. Supplement Number 195

Fa-3 Fairhall, L. T. and Paul A. Neal
Absorption and Excretion of Lead Arsenate in Man
Public Health Reports 53: 1231-1245 (1938)

Fa-4 Fairhall, L. T. and Charlotte P. Shaw
The Deposition of Lead Salts, with a Note on the Solubilities of Di-Lead Phosphate in Water at 25°C and of Di-Lead and Tri-Lead Phosphates in Lactic Acid at 25°C
Journal of Industrial Hygiene 6: 159-168 (1924)

Fa-5 Drinker, Katherine R., L. T. Fairhall, George B. Ray and Cecil K. Drinker
The Hygenic Significance of Nickel
Journal of Industrial Hygiene 6: 307-356 (1924)

Fa-6 Fairhall, Lawrence T. and Paul A. Neal
Industrial Manganese Poisoning
U. S. National Institute of Health Bulletin No. 182; pp. 1-24 (1943)

Fb-1 Friberg, Lars
Iron and Liver Administration in Chronic Cadmium Poisoning and Studies of the Distribution and Excretion of Cadmium
Acta Pharmacologica et Toxicologica 11: 168-178 (1955)

Fb-2 Friberg, Lars
Further Investigations on Chronic Cadmium Poisoning
Archives of Industrial Hygiene and Occupational Medicine 5: 30-36 (1952)

Fb-3 Friberg, Lars
Studies on the Accumulation, Metabolism and Excretion of Inorganic Mercury (Hg^{203})after Prolonged Subcutaneous Administration to Rats
Acta Pharmacologica et Toxicologica 12: 411-427 (1956)

Fd-1 Findlay, D. and C. P. Leblond
Partial Destruction of Rat Thyroid by Large Doses of Radio-iodine
American Journal of Roentgenology, and Radium Therapy 59: 387-395 (1948)

Fe-1 Feaster, J. P., Sam L. Hansard, J. T. McCall and G. K. Davis
Absorption, Deposition and Placental Transfer of Zinc-65 in the Rat
American Journal of Physiology 181: 287-290 (1955)

Fe-2 Feaster, J. P., Sam L. Hansard, J. T. McCall, F. H. Skipper and G. K. Davis
Absorption and Tissue Distribution of Radiozinc in Steers Fed High-Zinc Rations
Journal of Animal Science 13: 781-788 (1954)

Fea-1 Featherstone, R. M., W. Steinfield, E. G. Gross and C. B. Pittinger
Distribution of the Anesthetic Gas Xenon in Dog Tissues as Determined with Radioactive Xenon
Journal of Pharmacology and Experimental Therapeutics 106: 468-474 (1952)

Fea-2 Pittinger, C. B., R. M. Featherstone, E. G. Gross, E. E. Stickley and L. Levy
Xenon Concentration Changes in Brain and Other Body Tissues of the Dog During Inhalation of the Gas
Journal of Pharmacology and Experimental Therapeutics 110: 458-462 (1954)

Fh-1 Follis, Richard H., Jr.
Inorganic Composition of the Human Rib with and without Marrow Elements
Journal of Biological Chemistry 194: 223-226 (1952)

Fi-1 Fink, Robert M.
Progress Report on Metabolism of Postum
M-1551 (1944)

Fi-2 Fink, Robert M.
Biological Studies with Polonium, Radium and Plutonium
McGraw-Hill Book Company, New York (1950)

Fi-3 Kimball, Charles P. and Robert M. Fink
Inhalation of Volatilized Polonium by Rats
M-1811 (1945)

Fi-4 Fink, Robert M.
Personal communication to Dr. Karl Z. Morgan. December 4, 1953.

Fi-5 Boyd, George A. and Robert M. Fink
A Comparative Intravenous Lethal Dosage Study of Radium, Plutonium and Polonium in Rats with Clinical Pathological and Hematological Observations
M-1902 (1946)

Fi-6 Minto, Wallace L. and Robert M. Fink
Progress Report on the Metabolism of Postum. III. Tracer Studies in Two Human Subjects
M-1579

Fi-7 Silberstein, Hannah E., William N. Valentine, John S. Lawrence and Robert M. Fink
Metabolism of Polonium. VI. Tracer Studies in Three Human Subjects Following Intravenous or Oral Administration
M-1837

Fi-8 Boyd, George A. and Robert M. Fink
Comparative Intravenous Lethal Dose Pilot Studies for Polonium, Radium and Plutonium in Rats
M-1878 (1946)

Fi-9 Minto, Wallace L. and Robert M. Fink
Progress Report on the Metabolism of Postum. IV. Further Intravenous and Oral Experiments with Rats
M-1659

Fi-10 Silberstein, Hannah E. and Robert M. Fink
Metabolism of Radium. I. Tracer Studies on Rats after Intravenous Administration
M-1739 (1945)

Fi-11 Fink, Robert M.
Excretion of Polonium Following Intravenous Administration to Dogs. pp. 6-8
University of Rochester Progress Report for March, 1947
Radiology and Biophysics. Part II.
M-1960

Fin-1 Finkle, Raymond D., R. H. Snyder, Walter Kisieleski, J. Teresi, A. Broido and Paul C. Tompkins
Acute Toxicity of Injected Sodium-24 for Mice and Rats
Part I. Metabolism and General Toxicity
AECD-2011 or CH-3856 (1946)

Fin-2 Finkle, Raymond D., Leon O. Jacobson, Walter Kisieleski, Blanche Lawrence, E. L. Simmons and R. H. Snyder
Toxicity and Metabolism of Plutonium in Laboratory Animals
MDDC-1140 or CH-3783 (1946)

Fin-3 Finkle, Raymond D., R. H. Snyder and Walter E. Kisieleski
Acute Radiotoxicity of $(Ba\text{-}La)^{140}$ in Rats and Mice. Part IV. Lethal Action and Clinical Symptoms
MDDC-1207 or CH-3825 (1947)

Fj-1 Fajerman, Henri, Pascaline Daudel and Roland Muxart
Metabolism of Radium Fixed on Bony Tissue
Comptes Rendus 222: 1255-1257 (1946)

Fk-1 Finkel, Miriam P. and Gertrude M. Hirsch
Polonium and CF-1 Female Mice: The 30-Day LD-50 Retention, Distribution and Concentration.
Pp. 84-96 in Biology and Medical Divisions Quarterly Progress Report. May, June and July 1949.
ANL-4333

Fk-2 Finkel, Miriam P., W. P. Norris, W. E. Kisieleski and G. M. Hirsch
Toxicity of Polonium-210 in Mice. I. The Thirty Day LD-50, Retention and Distribution
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 70: 477-485 (1953)

Fk-3 Finkel, Miriam P.
Retention of P^{32} by Young Adult CF-1 Female Mice
AECD-2024 (1947)

Fk-4 Finkel, Miriam P.
Relative Biological Effectiveness of Internal Emitters
Radiology 67: 665-672 (1956)

Fk-5 Finkel, Miriam P. and Austin M. Brues
Sequelae of Radiostrontium Administration to Dogs (Abstract)
Radiation Research 3: 224-225 (1955)

Fk-6 Finkel, Miriam P.
Internal Emitters and Tumor Induction
International Conference on the Peaceful Uses of Atomic Energy 11: 160-164
August, 1955. Paper Number P/80

Fk-7 Finkel, Miriam P.
Relative Biological Effectiveness of Radium and Other Alpha Emitters in CF No. 1 Female Mice
Proceedings of the Society for Experimental Biology and Medicine 83: 494-498 (1953)

Fk-8 Finkel, Miriam P.
Toxicity and Carcinogenicity of Radium in Comparison with Other Alpha Emitters (Abstract)
Proceedings of the American Association for Cancer Research 1: 16-17 (1953)

Fk-9 Finkel, Miriam P., Hermann Lisco and Austin M. Brues
Malignant Bone Tumors in Mice Induced by Radio-Strontium
Proceedings of the American Association for Cancer Research. Abstracts of Papers Presented at the 46th Annual Meeting. April 15-17, 1955, San Francisco, California. Volume 2, Page 16 (April, 1955)

Fk-10 Finkel, Miriam P.
Transmission of Radio-Strontium and Plutonium from Mother to Offspring in Laboratory Animals
Physiological Zoology 20: 405-421 (1947)

Fk-11 Finkel, Miriam P., Betty J. Tellekson, Juanita Lestina and Birute O. Biskis
Retention, Distribution and Carcinogenicity of Radio-Strontium as a Function of Dosage Pattern
Presented at Radiation Research Society, Rochester. May 13-15, 1957.
Page 22 of Abstracts.

Fl-1 Flinn, F. B.
Elimination of Radium Salts from the Human Body
Journal of the American Medical Association 96: 1763-1765 (1931)

Fl-2 Blackberg, S. N. and F. B. Flinn
Changes in Teeth and Jaws of Rats Accompanying Radium Poisoning
Journal of Dental Research 14: 211 (Abstract) (1934)

Flu-1 Finch, Clement A., John G. Gibson II, Wendell C. Peacock and Rex G. Fluharty
Iron Metabolism. Utilization of Intravenous Radioactive Iron
Blood 4: 905-927 (1949)

Fo-1 Forney, Robert B., Carl A. Bunde and George R. Burch
Tissue Storage in Cadmium Treated Pigs
Proceedings of the Society for Experimental Biology and Medicine 90: 13-14 (1955)

For-1 Foreman, H., T. T. Trujillo, O. Johnson and C. Finnegan
Ca EDTA and the Excretion of Plutonium
Proceedings of the Society for Experimental Biolgy and Medicine 89: 339-342 (1955)

Fow-1 Fowler, W. M., A. P. Barer and G. F. Spielhagen
Retention and Utilization of Small Amounts of Orally Administered Iron
Archives of Internal Medicine 59: 1024-1028 (1937)

Fow-2 Fowler, W. M. and A. P. Barer
Retention and Utilization of Orally Administered Iron
Archives of Internal Medicine 59: 561-571 (1937)

Fr-1 Friedell, Hymer, L., Director
Progress Report Issued January 1, 1948.
WRU-1
Storaasli, John P., Marvin Berg and Marvin Rollins
LD_{50} Study of $Sr^{89,90}$. pp. 20-22

Preliminary Excretion Studies with P^{32}. pp. 23-39.

Fr-2 Friedell, Hymer L., Director WRU-7
Semi-Annual Report; June, 1948
Part I. Preliminary Excretion Studies with $Sr^{89,90}$ pp. 5-27
Part II. Distribution of P^{32} and $Sr^{89,90}$ in Albino Rats. pp. 5-27
Mattis, Paul A., Jean White, Janet Hartzell, Ina Hittle and William C. Lynam
Studies with Certain Thorium Salts pp. 48-68

Fr-3 Friedell, H. L., P. R. Salerno and S. A. Rosenberg
Mechanisms of Potentiated Lethal Action of Certain Radioisotopes in Rats and Mice
NYO-4020 (July 23, 1953)

Fr-4 MacIntyre, William J., John P. Storaasli, Keith Weigle and H. L. Friedell
Clinical Clearance Rate Measurements for the Accumulation of I^{131} by the Thyroid Gland
Part I. Methods.
NYO-4966 (August 27, 1954)

Fr-5 Storaasli, John P., W. J. MacIntyre, H. L. Friedell and K. E. Weigle, Jr.
Clinical Clearance Rate Measurements for the Accumulation of I^{131} by the Thyroid Gland
Part II. Clinical Evaluation
NYO-4917 (March 18, 1955)

Fr-6 Salerno, Paul, H. L. Friedell, James H. Christie and Marvin Berg
Synergistic Lethal Action of Certain Radioisotopes in Rats
NYO-1624 (1951)
or
Radiology 59: 564-569 (1952)

Fr-7 Friedell, Hymer L., Director
Semi-Annual Report, July, 1949
Storaasli, J., F. Bonte, M. Berg and S. Rosenberg
The Distribution and Metabolism of Yttrium-91 in the Male Albino Rat
pp. 9-13
Koletsky, S., A. Bengtson, V. Milanich
Development of Malignant Tumors in Rats Injected with P^{32}. pp. 32-40
Further Observations of Rats Surviving an LD_{50} Dose of P^{32}. pp. 41-42
Further Observations of Rats Receiving Repeated Doses of P^{32}. pp. 42-44

Fr-8 See ADDITIONS

Fra-1 Fradkin, G. E.
On the Processes of Organism, Accumulation and Excretion of Radioisotopes of Alkali Earths, Rare Earths and Heavy Elements
Med. Radiol. 2, No. 2: 13-18 (1957) in Russian
Nuclear Science Abstracts 11: 7055 (1957)

Fre-1 Fredrickson, Donald S., William F. Ganong and David M. Hume
Thyroid Uptake of Radioactive Iodine in the Dog; Effect of Diet, Hypophysectomy, and TSH
Proceedings of the Society for Experimental Biology and Medicine 89: 416-419 (1955)

Frk-1 Freerkson, E. and J. Meissner
Uptake and Distribution of Radioactive Phosphate in Animals
Z. Ges. Exptl. Med. 120: 190-214 (1953)
C. A. 47: 7075a (1953)

Fs-1 Forbes, Gilbert B. and Anne M. Lewis
Total Sodium, Potassium and Chloride in Adult Man
Journal of Clinical Investigation 35: 596-600 (June, 1956)

Fs-2 Forbes, R. M., A. R. Cooper and H. H. Mitchell
On the Occurrence of Beryllium, Boron, Cobalt and Mercury in Human Tissues
Journal of Biological Chemistry 209: 857-865 (1954)

Fs-3 Forbes, R. M., A. R. Cooper and H. H. Mitchell
Composition of the Adult Human Body as Determined by Chemical Analysis
Journal of Biological Chemistry 203: 359-366 (1953)

Fs-4 Forbes, Gilbert B. and Anne Perley
Estimation of Total Body Sodium by Isotopic Dilution
I. Studies on Young Adults
Journal of Clinical Investigation 30: 558-565 (1951)

Fs-5 Forbes, R. M. and H. H. Mitchell
Accumulation of Dietary Boron and Strontium in Young and Adult Albino Rats
A. M. A. Archives of Industrial Health 16: 489-492 (1957)

Ft-1 Frant, S. and I. Kleeman
Cadmium-Food Poisoning
Journal of the American Medical Association 117: 86-89 (1941)

Fu-1 Furth, Jacob and John L. Tullis
Carcinogenesis by Radioactive Substances
Cancer Research 16: 5-21 (1956)

Fun-1 Funk, H. J.
Potassium Metabolism in the Human Body
Canadian Journal of Medical Technology 16: 85-89 (1954)

Fw-1 Fowweather, F. S.
The Silica Content of Normal and Silicotic Lungs and Its Bearing on the Problem of Silicosis
Chemistry and Industry 12: 713-716 (1934)

Fz-1 Fitzhugh, O. G., A. A. Nelson and C. I. Bliss
Chronic Oral Toxicity of Selenium
Journal of Pharmacology and Experimental Therapeutics 80: 289-299 (1944)

G Guestimate

Ga-1 Gabrieli, E. R.
Distribution of Radioactive Chromium Phosphate in Tissues of Rodents Following Intravenous Injection
Acta Pathologica et Microbiologica Scandinavica 31: 195-204 (1952)

Gb-1 Grebe, Siegfried Franz
Late Damage from Thorotrast. Myelogenous Leukemia Following Diagnostic Use of Thorotrast
Strahlentherapie 94: 311-319 (1954)

Gc-1 Gould, R. G., F. M. Sinex, I. N. Rosenberg, A. K. Solomon and A. B. Hastings
Excretion of Radioactive Carbon Dioxide by Rats after Administration of Isotopic Bicarbonate, Acetate and Succinate
Journal of Biological Chemistry 177: 295-301 (1949)

Gd-1 Goodman, Louis S. and Alfred Gilman
The Pharmacological Basis of Therapeutics
MacMillan Company, New York. Second Edition (1955)

Ge-1 Gettler, A. O. and C. Norris
Poisoning from Drinking Radium Water
Journal of the American Medical Association 100: 400-402 (1933)

Ge-2 St. George, A. V., A. O. Gettler and R. H. Muller
Radioactive Substances in a Body Five Years after Death
Archives of Pathology 7: 397-405 (1929)

Ge-3 Gettler, A. O. and Lester Ellerbrook
Toxicology of Fluorides
American Journal of the Medical Sciences 197: 625-638 (1939)

Gg-1 Guidotti, G.
Autoradiographic Evidence of Radiosulphate Uptake by Thyroid Gland of Rat
Experimental Cell Research 10: 544 - 545 (1956)

Gi-1 Glendening, B. L., D. B. Parrish and W. G. Schrenk
Spectrographic Determination of Rubidium in Plant and Animal Tissues
Analytical Chemistry 27: 1554-1556 (1955)

Gl-1 Glock, G. E., F. Lowater and M. M. Murray
Retention and Elimination of Fluorine in Bones
Biochemical Journal 35: 1235-1239 (1941)

Gm-1 Gorbman, Aubrey
Degenerative and Regenerative Changes in the Thyroid Gland Following High Dosages of Radioactive Iodine
Transactions of the New York Academy of Sciences Series 2: Volume 11: 201-203 (1949)

Go-1 Gross, Warren J., Janice F. Taylor and James C. Watson
Some Factors Influencing the Metabolism of Radio-Strontium by Animals
UCLA-274 (January 6, 1954)

Go-2 Gross, Warren J., Janice F. Taylor, J. A. Lee and J. C. Watson
The Availability of Radio-Strontium to Mammals by Way of the Food Chain
UCLA-259 (June 18, 1953)

Gol-1 Goldblum, Raymond W., Stanley Derby and Aaron Bunsen Lerner
The Metal Content of Skin, Nails and Hair
Journal of Investigative Dermatology 20: 13-18 (1953)

Gr-1 Greenberg, David M., D. Harold Copp and E. M. Cuthbertson
Studies in Mineral Metabolism with Aid of Artificial Radioactive Isotopes.
VII. Distribution and Excretion, Particularly by Way of the Bile of Iron, Cobalt and Manganese
Journal of Biological Chemistry 147: 749-756 (1943)

Gr-2 Campbell, W. W. and D. M. Greenberg
Studies in Calcium Metabolism with the Aid of Its Induced Radioactive Isotope
Proceedings of the National Academy of Science 26: 176-180 (1940)

Gr-3 Greenberg, D. M. amd W. W. Campbell
Studies in Mineral Metabolism with the Aid of Induced Radioactive Isotopes.
IV. Manganese
Proceedings of the National Academy of Sciences 26: 448-452 (1940)

Gr-4 Greenberg, D. M., Michael Joseph, W. E. Cohn and E. V. Tufts
Studies in the Potassium Metabolism of the Animal Body by Means of Its Artificial Radioactive Isotope
Science 87: 438 (1938)

Gr-5 Copp, D. Harold and David M. Greenberg
A Tracer Study of Iron Metabolism with Radioactive Iron
I. Methods: Absorption and Excretion of Iron
Journal of Biological Chemistry 164: 377-387 (1946)

Gr-6 Copp, D. Harold and David M. Greenberg
A Tracer Study of Iron Metabolism with Radioactive Iron
II. Internal Metabolism
Journal of Biological Chemistry 164: 389-401 (1946)

Gr-7 Cohn, W. E. and D. M. Greenberg
Studies in Mineral Metabolism with Aid of Artificial Radioactive Isotopes; Absorption, Distribution and Excretion of Phosphorus
Journal of Biological Chemistry 123: 185-198 (1938)

Gr-8 Greenberg, David M.
Tracer Studies with Radioactive Isotopes of the Metabolism of Calcium and Manganese in the Animal Organism
Journal of Applied Physics 12: 318 (1941)

Gr-9 Austoni, M. E. and D. M. Greenberg
Studies in Iron Metabolism with Aid of Its Artificial Radioactive Isotope
Absorption, Excretion and Distribution of Iron in the Rat on Normal and Iron Deficient Diets
Journal of Biological Chemistry 134: 27-41 (1940)

Gr-10 Joseph, Michael, Waldo E. Cohn and David M. Greenberg
Studies in Mineral Metabolism with Aid of Artificial Radioactive Isotopes
II. Absorption, Distribution and Excretion of Potassium
Journal of Biological Chemistry 128: 673-683 (1939)

Gr-11 Copp, D. Harold and David M. Greenberg
Studies in Mineral Metabolism with the Aid of Artificial Radioisotopes.
VI. Cobalt
Proceedings of the National Academy of Sciences 27: 153-157 (1941)

Gr-12 Schmidt, C. A. and D. M. Greenberg
Occurrence, Transport and Regulation of Calcium, Magnesium and Phosphorus in the Animal Organism
Physiological Reviews 15: 297-434 (1935)

Gr-13 Greenberg, David M.
Studies in Mineral Metabolism with the Aid of Artificial Radioactive Isotopes
Journal of Biological Chemistry 157: 99-104 (1945)

Gr-14 Greenberg, David M., W. W. Campbell and Makio Murayama
Studies in Mineral Metabolism with the Aid of Artificial Radioactive Isotopes.
V. Absorption, Excretion and Distribution of Labeled Sodium in Rats Maintained on Normal and Low Sodium Diets
Journal of Biological Chemistry 136: 35-46 (1940)

Gr-15 Greenberg, David M.
Mineral Metabolism. Calcium, Magnesium and Phosphorus
Annual Review of Biochemistry 8: 269-300 (1939)

Gr-16 Winnick, Theodore, Felix Friedberg and David M. Greenberg
Studies in Protein Metabolism with Compounds Labeled with Radioactive Carbon
I. Metabolism of DL-Tyrosine in the Normal and Tumor-Bearing Rat
Journal of Biological Chemistry 173: 189-198 (1948)

Gr-17 Greenberg, David M. and Theodore Winnick
Studies in Protein Metabolism with Compounds Labeled with Radioactive Carbon
II. Metabolism of Glycine in the Rat
Journal of Biological Chemistry 173: 199-204 (1948)

Gr-18 Greenberg, David M. and F. M. Froescher
Study with Radioactive Isotopes of Excretion of Calcium and Strontium by Way of the Bile
Proceedings of the Society for Experimental Biology and Medicine 49: 488-491 (1942)

Grd-1 Grodzenskiĭ, D. E. and A. A. Avakyan
Absorption of Phosphorus by the Phosphorus Compounds of the Brain Following the Injection of Radioactive Phosphorus
Byull. Eksptl. Biol. i. Med. 38: (no. 7) 37-41 (1954)
C. A. 49: 4841 h (1955)

Gre-1 Greif, Roger L., W. James Sullivan, Gloria S. Jacobs and Robert F. Pitts
Distribution of Radiomercury Administered as Labelled Chlormerodrin in the Kidneys of Rats and Dogs
Journal of Clinical Investigation 35: 38-43 (1956)

Grn-1 Groen, Juda and F. H. L. Taylor
Absorption of Iron Compounds from the Upper Part of the Small Intestine
Proceedings of the Society for Experimental Biology and Medicine 36: 694 - 695 (1937)

Gro-1 Grove, E. L. and C. W. Scott
Progress Report: The Determination of Sodium and Potassium in Animal Tissue by Flame Photometry
ORNL unpublished data. August 20, 1957

Gs-1 Ginsburg, J.
Potassium Exchange in Rat Tissue
Proceedings of the Federation of American Societies for Experimental Biology 11: 54 (1952)

Gt-1 Gaitonde, M. K. and D. Richter
The Uptake of S^{35} into Rat Tissues after Injection of (S^{35}) Methionine
Biochemical Journal 59: 690-696 (1955)

Gu-1 Gunn, S. A., Thelma C. Gould, S. S. Ginori and Jerome G. Morse
Selective Uptake of Zinc-65 by Dorsolateral Prostate of Rat
Proceedings of the Society for Experimental Biology and Medicine 88: 556-558 (1955)

Gu-2 Gunn, Samuel A. and Thelma C. Gould
Difference Between Dorsal and Lateral Components of Dorsolateral Prostate of Rat in Zn^{65} Uptake
Proceedings of the Society for Experimental Biology and Medicine 92: 17-20 (1956)

Gu-3 Gunn, Samuel A. and Thelma C. Gould
The Relative Importance of Androgen and Estrogen in the Selective Uptake of Zn^{65} by the Dorsolateral Prostate of the Rat
Endocrinology 58: 443-452 (1956)

Gub-1 Gubler, Clark J.
Absorption and Metabolism of Iron
Science 123: 87-90 (1956)

Gv-1 Govaerts, J.
Rate of Elimination of C^{14} Administered as $BaC^{14}O_3$
Science 111: 467-469 (1950)

Gw-1 Goldwater, Leonard J.
The Urinary Excretion of Silica in Non-Silicotic Humans
Journal of Industrial Hygiene and Toxicology 18: 163-166 (1936)

Ha-1 Hamilton, Joseph G.
The Metabolic Properties of the Fission Products and Actinide Elements
Reviews of Modern Physics 20: 718 - 728 (1948)

Ha-2 Hamilton, Joseph G.
Application of Radioactive Tracers in Biology and Medicine
Journal of Applied Physics 12: 440-459 (1941)

Ha-3 Hamilton, Joseph G.
Metabolic Properties of Fission Products and Actinide Elements
AECD-2012 (1948)

Ha-4 Hamilton, Joseph G.
Trace Studies of Fission Product Metabolism
MDDC-1062 (1945)

Ha-5 Copp, D. Harold, Dorothy J. Axelrod and Joseph G. Hamilton
Deposition of Radioactive Metals in Bone as a Potential Health Hazard
American Journal of Roentgenology and Radium Therapy 58: 10-16 (1947)

Ha-6 Hamilton, Joseph G.
Metabolism of Fission Products
MDDC-1000 (1943)

Ha-7 Kawin, Bergene, D. Harold Copp and Joseph G. Hamilton
Studies of the Metabolism of Certain Fission Products and Plutonium
UCRL-812 (1950)

Ha-8 Lanz, Henry, Kenneth G. Scott, Josephine Crowley and Joseph G. Hamilton
Metabolism of Thorium, Protoactinium and Neptunium in the Rat
CH-3606 (1946)

Ha-9 Scott, Kenneth G., Roy Overstreet, Leon Jacobson, Joseph G. Hamilton, H. Fisher, Josephine Crowley, I. L. Chaikoff, C. Entenman, M. Fisher, A. J. Barber and F. Loomis
Metabolism of Carrier-Free Fission Products in the Rat
MDDC-1275 (no date. declassified August 26, 1947)

Ha-10 Hamilton, Joseph G.
Metabolism of the Fission Products and the Heaviest Elements
Radiology 49: 325-343 (1947)

Ha-11 Lanz, Henry, Jr. and Joseph G. Hamilton
The Comparative Metabolism and Distribution of Carrier-Free Radioarsenic (As^{74})
MDDC-1596 or BP-142 (no date. declassified January 8, 1948)

Ha-12 Scott, Kenneth G., Dorothy J. Axelrod and Joseph G. Hamilton
Metabolism of Curium in the Rat
Journal of Biological Chemistry 177: 325-336 (1949)
or
AECD-1805 (1948)

Ha-13 Scott, Kenneth G., D. Harold Copp, Dorothy J. Axelrod and Joseph G. Hamilton
Metabolism of Americium in the Rat
AECD-1785 or UCRL-22 (1947)

Ha-14 Hamilton, Joseph G.
Metabolism of Fission Products. Progress Report for Period Ending April 15, 1944
MDDC-1001 (1944)

Ha-15 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. April, May, June 1949
Hamilton, J. G.
I. The Metabolic Properties of Plutonium and Allied Materials. pp. 4-24
UCRL-414 (1949)

Ha-16 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. April, May and June, 1948.
Hamilton, Joseph G.
The Metabolic Properties of Plutonium and Allied Materials. pp. 4-24
UCRL-157 (1948)

Ha-17 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. July, August and September 1948
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 4-19
UCRL-193

Ha-18 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. October, November and December, 1948.
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 4-16
UCRL-270 (1948)

Ha-19 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. October, 1947 to January, 1948
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 4-23
UCRL-41 (1948)

Ha-20 University of California Radiation Laboratory
Medical and Health Divisons Quarterly Report. January, February, March 1948.
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 4-24
UCRL-332 (1949)

Ha-21 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. January, February, March 1948
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 4-20
UCRL-98 (1948)

Ha-22 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. July, August, September 1949
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 4-36
UCRL-480 (1949)

Ha-23 Crowley, Josephine F., Joseph G. Hamilton and Kenneth G. Scott
Metabolism of Carrier-Free Beryllium-7 in the Rat
UCRL-148 or AECD-2254 (1948)
or
Journal of Biological Chemistry 177: 975 - 984 (1949)

Ha-24 University of California Radiation Laboratory
Progress Report for July 1947. Medical and Health Physics Section.
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 11-13
BP-115 (1947)

Ha-25 Hamilton, Joseph G. and M. H. Soley
A Comparison of the Metabolism of Iodine and of Element 85 (Eka-Iodine)
Proceedings of the National Academy of Sciences 26: 483 - 489 (1940)

Ha-26 Hamilton, Joseph G.
Metabolism of Fission Products and Heaviest Elements in Rats and Plants
MDDC-1160 (1947)

Ha-27 Lanz, Henry, Kenneth G. Scott, Josephine Crowley and Joseph G. Hamilton
Metabolism of Thorium, Protoactinium and Neptunium in the Rat
MDDC-648 (1946)

Ha-28 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. April, May and June, 1952
Hamilton, Joseph G.
Metabolic Properties of Various Materials
UCRL-1922 (1952)

Ha-29 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. October, November and December, 1953
Hamilton, Joseph G.
Metabolic Properties of Various Materials. pp. 24-49
UCRL-2553 (1953)

Ha-30 Hamilton, Joseph G., Patricia W. Durbin and Marshall W. Parrott
Accumulation of Astatine-211 by the Thyroid Gland in Man
UCRL-2604 (1954)

Ha-31 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. January, February and March, 1954
Hamilton, Joseph G.
Metabolic Properties of Various Materials. pp. 3-25
UCRL-2605 (1954)

Ha-32 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. April, May and June, 1954
Hamilton, Joseph G.
Metabolic Properties of Various Materials. pp. 21-63
UCRL-2661 (1954)

Ha-33 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. July, August and September, 1954
Hamilton, Joseph G.
Metabolic Properties of Various Materials. pp. 3-25
UCRL-2823 (1954)

Ha-34 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. October, November and December, 1954
Hamilton, Joseph G.
Metabolic Properties of Various Materials. pp. 4-26
UCRL-2881 (1955)

Ha-35 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. January, February, March, 1955
Hamilton, Joseph G.
Studies of Radioactivity and Irradiation. pp. 4-46
UCRL-3013 (1955)

Ha-36 Durbin, Patricia W., M. H. Williams, Margaret Gee, R. N. Newman and Joseph G. Hamilton
Metabolism of the Lanthanons in the Rat
UCRL-3066 (1955) or Proceedings of the Society for Experimental Biology and Medicine 91: 78-85 (1956)

Ha-37 Crowley, Josephine, Henry Lanz, Kenneth G. Scott and Joseph G. Hamilton
A Comparison of the Metabolism of Plutonium (Pu^{238}) in Man and Rat
CH-3589 (1946)

Ha-38 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. January thru March, 1950
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials
AECD-2901 or UCRL-683 (1950)

Ha-39 Hamilton, Joseph G.
Metabolism of Product for Period Ending October 15, 1944
CN-2383 (1944)

Ha-40 Copp, D. Harold, Dorothy J. Axelrod and Joseph G. Hamilton
Deposition of Radioactive Metals in Bone as a Potential Health Hazard
MDDC-455 (Declassified 1946)

Ha-41 Reifenstein, Edward C., Jr., Editor
Third Conference on Metabolic Interrelations. January 8-9, 1951
Copp, Harold D., Joseph G. Hamilton, D. C. Jones, D. M. Thompson, and C. Cramer
Effect of Age and Low Phosphorus Rickets on Calcification and the Deposition of Certain Radioactive Metals in Bone. pp. 226-258

Ha-42 University of California Radiation Laboratory
Progress Report for May 1947. Medical and Health Physics Section
Hamilton, Joseph G.
Metabolic Properties of Plutonium and Allied Materials. pp. 1-11
BP-97 (1947)

Ha-43 Hamilton, Joseph G., Patricia W. Durbin and Marshall W. Parrott
The Accumulation of Astatine-211 by Thyroid Gland in Man
Proceedings of the Society for Experimental Biology and Medicine 86: 366-369 (1954)

Ha-44 Hamilton, Joseph G., Patricia W. Durbin and Marshall W. Parrott
The Accumulation and Destructive Action of Astatine-211 (Eka-Iodine) in the Thyroid Gland of Rats and Monkey
Journal of Clinical Endocrinology and Metabolism 14: 1161-1178 (1954)

Ha-45 Hamilton, J. G. and Mayo H. Soley
Studies in Physiology of Normal and Diseased Thyroids of Human Beings by the Use of Radioactive Iodine
Journal of Applied Physics 12: 314 (1941)

Ha-46 Hamilton, Joseph G., C. Willet Asling, Warren M. Garrison and Kenneth G. Scott
The Accumulation, Metabolism and Biological Effects of Astatine in Rats and Monkeys
University of California Publications in Pharmacology 2: No. 21: pp. 283-344 (1953)

Ha-47 Lanz, Henry, Jr., Patricia C. Wallace and Joseph G. Hamilton
Metabolism of Arsenic in Laboratory Animals Using Arsenic-74 as a Tracer
University of California Publications in Pharmacology 2: No. 20, pp. 263-282 (1950)

Ha-48 Durbin, Patricia W., C. Willet Asling, Muriel E. Johnston, Joseph G. Hamilton and Marilyn H. Williams
The Metabolism of the Lanthanons in the Rat. II. Time Studies of the Tissue Deposition of Intravenously Administered Radioisotopes
UCRL-3191 (1955)

Ha-49 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. July, August and September, 1955
Hamilton, Joseph G.
Studies of Radioactivity and Irradiation
UCRL-3208 (1955)

Ha-50 Hamilton, Joseph G., Kenneth Scott, Roy Overstreet, I. L. Chaikoff, Louis Jacobson, M. C. Fishler, M. Kaplan, D. M. Greenberg and C. Entenman
Progress Report for Period Ending February 15, 1943.
Metabolism of Fission Products
MDDC-1143 (1943)

Ha-51 Hamilton, Joseph G.
Summary of Metabolism of Carrier-Free Fission Products in the Rat
MDDC-1002 or CH-775 (1947)

Ha-52 Hamilton, Joseph G.
Technical Progress Report on the Metabolic Studies of Fission Products
AECD-1061 or CH-1572 or A-2240 (1944)

Ha-53 Scott, Kenneth G., Dorothy Axelrod, Josephine Crowley, H. C. Lanz, Jr. and Joseph G. Hamilton
Studies on the Inhalation of Fissionable Materials and Fission Products and Their Subsequent Fate in Rats and Man
CH-3590 (1945)

Ha-54 Foreman, Harry and Joseph G. Hamilton
Use of Chelating Agents for Accelerating Excretion of Radioelements
UCRL-1351 (1951)

Ha-55 Hamilton, Joseph G.
Personal Communication to Karl Z. Morgan, February 9, 1956

Ha-56 University of California Radiation Laboratory
Hamilton, Joseph G.
Progress Report for Month Ending March 15, 1943. Metabolism of Fission Products
MDDC-1142 (1943)

Ha-57 Hamilton, Joseph G., D. Harold Copp, David M. Greenberg, M. J. Chase, Lester Van Middlesworth and E. M. Cuthbertson
The Deposition of Plutonium and Certain Fission Products in Bone as a Decontamination Problem
AECD-2483 or CH-3591 (1946)

Ha-58 Asling, C. W., D. A. Heller, D. H. Copp and J. G. Hamilton
Deposition of Radioactive Strontium and the Rare Earth Promethium in Skeletal Tissues of the Rat
Anatomical Record 103: 420 (1949)

Ha-59 Hamilton, Joseph G.
Summary of Iodine Physiology and Metabolic Studies Using Radioactive Isotopes of Iodine
MDDC-1060 (1944)

Ha-60 Hamilton, Joseph G., C. W. Asling, W. M. Garrison, Kenneth G. Scott and D. A. Heller
Destructive Action of Astatine-211 (Element 85) on the Thyroid Gland of the Rat Proceedings of the Society for Experimental Biology and Medicine 73: 51-53 (1950)

Ha-61 Hamilton, Joseph G.
Metabolism of Radioactive Elements Created by Nuclear Fission
New England Journal of Medicine 240: 863-867 (1949)

Ha-62 Hamilton, Joseph G.
Personal Communication from J. G. Hamilton to Karl Z. Morgan, April 2, 1956

Ha-63 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. October, November and December, 1955.
Hamilton, Joseph G.
Studies of Radioactivity and Irradiation. pp. 3-30
UCRL-3268 (1956)

Ha-64 Van Middlesworth, Lester, D. Harold Copp and Joseph G. Hamilton
Uptake of Plutonium, Yttrium and Strontium by the Callus of Healing Bone Fractures
MDDC-666 (1947)

Ha-65 Asling, C. W., J. G. Hamilton, Dorothy A. Heller and B. J. Louie
The Localization of Certain Alkaline and Rare Earth Elements in the Costochondral Junction of the Rat
The Anatomical Record 113: 285 - 300 (1952)

Ha-66 Hamilton, Joseph G.
The Use of Radioactive Tracers in Biology and Medicine
Radiology 39: 541-572 (1942)

Ha-67 Hamilton, Joseph G., and Mayo H. Soley
Studies in Iodine Metabolism of the Thyroid Gland in Situ by the Use of Radio-Iodine in Normal Subjects and in Patients with Various Types of Goiter
American Journal of Physiology 131: 135-143 (1940)

Ha-68 Hamilton, Joseph G. and Mayo H. Soley
Studies in Iodine Metabolism by the Use of a New Radioactive Isotope of Iodine
American Journal of Physiology 127: 557-572 (1939)

Ha-69 Hamilton, Joseph G. and Robert S. Stone
The Intravenous and Intraduodenal Administration of Radio-Sodium
Radiology 28: 178-187 (1937)

Ha-70 Hamilton, Joseph G.
The Rates of Absorption of Radioisotopes of Sodium, Potassium, Chlorine, Bromine and Iodine in Normal Human Subjects
American Journal of Physiology 124: 667-678 (1938)

Ha-71 Hamilton, Joseph G. and Gordon A. Alles
The Physiological Action of Natural and Artificial Radioactivity
American Journal of Physiology 125: 410 - 413 (1939)

Ha-72 Hamilton, Joseph G.
The Rates of Absorption of Radio-Sodium in Normal Human Subjects
Proceedings of the National Academy of Sciences 23: 521-527 (1937)

Ha-73 Hamilton, Joseph G., Mayo H. Soley and Karl B. Eichorn
Deposition of Radioactive Iodine in Human Thyroid Tissue
University of California Publications in Pharmacology 1: 339-368 (1940)

Ha-74 Hamilton, Joseph G., Patricia W. Durbin, C. W. Asling and M. E. Johnston
Physiological and Biochemical Studies of Astatine-211 (Eka-Iodine)
International Conference on the Peaceful Uses of Atomic Energy held at Geneva, Switzerland, August, 1955. pp. 175-181. Paper number P/206.

Ha-75 Durbin, Patricia W., Marshall W. Parrott, Marilyn H. Williams, Muriel E. Johnston, C. Willet Ashing and Joseph G. Hamilton
Metabolic Studies with Strontium-90 in the Rhesus Monkey (Preliminary Studies)
UCRL-3634 (1957)

Ha-76 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. January, February, March, 1956
Hamilton, Joseph G.
Studies of Radioactivity and Irradiation. pp. 3-7
UCRL-3386 (1956)

Ha-77 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. April, May, June, 1956
Hamilton, Joseph G.
Studies of Radioactivity and Irradiation. pp. 3-7
UCRL-3479 (1956)

Ha-78 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. July, August, September, 1956
Hamilton, Joseph G.
Studies of Radioactivity and Irradiation. pp. 3-8
UCRL-3573 (1956)

Ha-79 University of California Radiation Laboratory
Biology and Medicine Quarterly Report. October, November, December, 1956
Hamilton, Joseph G.
Studies of Radioactivity and Irradiation. pp. 3-30
UCRL-3653 (1957)

Ha-80 Hamilton, Joseph G., Patricia W. Durbin and Muriel Johnston
UCRL-2823 Supplement

Ha-81 University of California Radiation Laboratory
Medical and Health Physics Section. Progress Report for June 1947.
Hamilton, Joseph G.
Technical Progress Report on the Metabolic Properties of Plutonium and Allied Materials
BP-109 (1947)

Ha-82 Asling, C. Willet, Muriel E. Johnston, Patricia W. Durbin and Joseph G. Hamilton
Long-Term Sequelae of Massive Doses of Iodine-131. I. Histopathological Findings
UCRL-3398 (1956)

Ha-83 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. July, August, September 1950
Hamilton, Joseph G.
The Metabolic Properties of Plutonium and Allied Materials. pp. 4-40
UCRL-960 (1950) or AECD-3141

Ha-84 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. July, August and September, 1951
Hamilton, Joseph G.
The Metabolic Properties of Various Materials. pp. 4-21
UCRL-1561 (1951)

Ha-85 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. April, May and June, 1951
Hamilton, Joseph G.
The Metabolic Properties of Various Materials. pp. 4-22
UCRL-1437 (1951)

Ha-86 University of California Radiation Laboratory
Medical and Health Divisions Quarterly Report. October, November and December, 1949
The Metabolic Properties of Plutonium and Allied Materials. pp. 4-22
UCRL-587 (1950)

Ha-87 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. April, May and June, 1950
Hamilton, Joseph G.
The Metabolic Properties of Plutonium and Allied Materials. pp. 4-21
UCRL-806 (1950)

Ha-88 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. October, November and December, 1950
Hamilton, Joseph G.
The Metabolic Properties of Various Elements. pp. 4-41
UCRL-1143 (1951)

Ha-89 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. January, February, March, 1951
Hamilton, Joseph G.
The Metabolic Properties of Various Materials. pp. 4-32
UCRL-1282 (1951)

Ha-90 University of California Radiation Laboratory
Medical and Health Physics Quarterly Report. October, November, December, 1952
Hamilton, Joseph G.
The Metabolic Properties of Various Materials. pp. 3-51
UCRL-2111 (1953)

Ha-91 Scott, Kenneth G., Dorothy Axelrod, Josephine Crowley, H. C. Lanz and Joseph G. Hamilton
Studies on the Inhalation of Fissionable Materials and Fission Products and Their Subsequent Fate in Rats
MDDC-1276 (1945) or CH-3590

Ha-92 Scott, Kenneth G., Dorothy Axelrod, Josephine Crowley and Joseph G. Hamilton
Deposition and Fate of Plutonium, Uranium and Their Fission Products Inhaled as Aerosols
Archives of Pathology 48: 31-54 (1949)

Ha-93 Scott, Kenneth G., Dorothy J. Axelrod, Harvey Fisher, Josephine F. Crowley and Joseph G. Hamilton
Metabolism of Plutonium in Rats following Intramuscular Injection
Journal of Biological Chemistry 176: 283-293 (1948)
or
MDDC-1018 (1944)

Ha-94 Scott, Kenneth G., Dorothy Axelrod and Joseph G. Hamilton
Metabolism of Curium in the Rat
UCRL-35 or AECD-1805 (1948)

Ha-95 Scott, Kenneth G., Joseph G. Hamilton, Patricia C. Wallace
Deposition of Carrier-Free Vanadium in the Rat Following Intravenous Administration
UCRL-1318 (1951)

Ha-96 Scott, Kenneth G. and Joseph G. Hamilton
Metabolism of Silver in the Rat with Radio-Silver Used as an Indicator
University of California Publications in Pharmacology (1950)

Ha-97 Durbin, Patricia W., Joseph G. Hamilton and Marshall W. Parrott
The Codetermination of Iodine-127, Iodine-131 and Astatine-211 in Tissue
UCRL-2792 (1954)

Ha-98 Johnston, J. E., Editor
Radioisotope Conference, 1954. Proceedings of the Second Conference Oxford, July 19-23. Volume I. Medical and Physiological Applications. Butterworths Scientific Publications, London (1954)
Chapter 24: Hamilton, Joseph G., Patricia W. Durbin and Marshall W. Parrott
Comparison of Acute and Chronic Changes Produced in Rats by Iodine-131 and Astatine-211 at Lethal Levels. Preliminary Clinical Data on the Uptake of Astatine-211 in Patients with Thyroid Disease. pp. 219-231.

Ha-99 Hamilton, Joseph G.
Metabolism of Fission Products
CH-848 (1943)

Ha-100 Overstreet, Roy, Louis Jacobson, Kenneth Scott and Joseph G. Hamilton
Metabolism of Fission Products
CH-379 (no date. declassified 1952)

Ha-101 Durbin, Patricia W., Kenneth G. Scott and Joseph G. Hamilton
The Distribution of Radioisotopes of Some Heavy Metals in the Rat
UCRL-3607 (1956)

Ha-102 Durbin, Patricia W., James S. Roberston and Joseph G. Hamilton
Iodine-131 Beta Particle Dosage in Small Animals (Abstract)
Radiology 68: 103-104 (1957)

Hab-1 Weir, Everett G. and A. Baird Hastings
The Distribution of Bromide in Tissues and Body Fluids
Journal of Biological Chemistry 129: 547-558 (1939)

Hai-1 Hare, E. H. and C. P. Haigh
Variations in the Iodine Avidity of the Normal Human Thyroid as Measured by the 24-Hour Iodine-131 Uptake
Clinical Science 14: 441-449 (1955)

Ham-1 Ham, Mary P. and M. Doreen Smith
Fluoride Studies Related to the Human Diet
Canadian Journal of Research 28: Sec. F, 227-233 (1950)

Ham-2 Ham, Mary P. and M. Doreen Smith
Fluorine Balance Studies on Four Infants
Journal of Nutrition 53: 215-223 (1954)

Ham-3 Ham, Mary P. and M. Doreen Smith
Fluorine Balance Studies on Three Women
Journal of Nutrition 53: 225-232 (1954)

Har-1 Harrison, G. E. and W. H. A. Raymond
The Estimation of Trace Amounts of Barium or Strontium in Bioligical Material by Activation Analysis
Journal of Nuclear Energy 1: 290-298 (1954)

Har-2 Harrison, G. E., W. H. A. Raymond and Helen C. Tretheway
Metabolism of Strontium in Man
A.E.R.E./S.P.A.R./2 (1955)
or
Clinical Science 14: 681-695 (1955)

Har-3 Barnes, D.W.H., G. B. Cook, G. E. Harrison, J. F. Loutit and W. H. A. Raymond
Metabolism of Tellurium-132-Iodine Mixtures in Mammals
Journal of Nuclear Energy 1: 218-230 (1954)

Har-4 Harrison, G. E., W. H. A. Raymond and Helen C. Tretheway
The Estimation of Barium and Strontium in Biological Materials by Activation Analysis with Special Reference to the Turnover of Strontium in Man
International Conference on the Peaceful Uses of Atomic Energy 11: 156-159 (August, 1955)

Har-5 Harrison, G. E., W. H. A. Raymond and A. Sutton
The Estimation of Radioactive Strontium in the Excreta
Clinical Science 13: 61-67 (1954)

Har-6 Harrison, G. E., H. G. Jones and A. Sutton
The Effect of Carrier Strontium on the Absorption of Oral Doses of Radioactive Strontium in Rats
British Journal of Pharmacology and Chemotherapy 12: 336-339 (1957)

Hay-1 Hayani, Hiroshi
Studies on Calcium Metabolism by Radioactive Calcium. III. Effect of Calcium Contents of Diets on the Retention and Excretion of Isotopic Calcium
Ann. Rept. Natl. Inst. Nutrition (in Japanese) 20-21 (1951-1952)
C.A. 48: 10158 i (1954)

Hb-1 Heine, W.
Manganese Poisoning and Manganese Phenomena
Ztschr. f. Hyg. im Infekticnskr 125: 3 (September 11, 1943)
Abstracted in Occupational Medicine 2: 251-252 (1946)

Hc-1 Hassen, A.
Quantitative Study of Excretion of Antimony. II.
Journal of Egyptian Medical Association 21: 126-130 (1938)

Hc-2 Hassen, A.
Distribution of Antimony in Body Organs Following Administration of Therapeutic Antimony
Journal of the Egyptian Medical Association 21: 123-125 (1938)

Hd-1 Howland, J. W. Editor 1943-1946 M-4454

Hd-2 Duffy, B. J., Jr. and J. W. Howland
Radioiodine (I^{131}) Principles of Diagnosis and Treatment of Thyroid Disease
UR-138 (1950)

He-1 Hevesy, George
Radioactive Indicators - Their Application in Biochemistry, Animal Physiology and Pathology
Interscience Publishers, Inc., New York City, New York (1948)

He-2 Christiansen, I. A., George Hevesy and L. Lomholt
Recherches, par une Méthode Radiochimique, sur la Circulation du Bismuth dans l'Organisme
Compte Rendus 178: 1324-1326 (1924)

He-3 Chievitz, O. and G. C. Hevesy
Studies on the Metabolism of Phosphorus in Animals
Biol. Meddel. 13: 1-24 (1937)

Hea-1 Heath, J. C. and J. Liquier-Milward
Distribution and Function of Zinc in Normal and Malignant Tissues
Part I. Uptake and Distribution of Radioactive Zinc, Zn^{65}
Biochimica et Biophysica Acta 5: 404-415 (1950)

Hei-1 Heinrich, Max, Jr. and F. E. Kelsey
Studies on Selenium Metabolism: The Distribution of Selenium in the Tissues of the Mouse
Journal of Pharmacology and Therapeutics 114: 28-32 (1955)

Hem-1 Allen, Harry, L. H. Hempelmann, Jr. and N. A. Womack
The Effect of Insoluble Radiophosphorus (Chromium Phosphate) when Applied Interstitially in the Treatment of Adenocarcinoma of the Mamma in Mice
Cancer Research 5: 239-246 (1945)

Hen-1 Henry, Kathleen M. and S. K. Kon
The Relationship between Calcium Retention and Body Stores of Calcium in the Rat: Effect of Age and of Vitamin D.
British Journal of Nutrition 7: 147-159 (1953)

Heu-1 Heffter, A. and W. Heubner, Editors
Handbuch der Experimentellen Pharmakologie 3: part 2: (1934)
Julius Springer, publishers, Berlin
Starkenstein, Emil
Eisen
pp. 682-1286
Langecker, Hedwig
Manganese
pp. 1287-1400
Hendrych, Franz and Hans Weden
Kobalt und Nickel
pp. 1401-1502

Hey-1 Heyrovský, A.
Biochemistry of Cobalt. III. Amounts of Cobalt in Plasma, Erythrocytes, Urine and Feces of Normal Subjects
Časopis Lékařů Českých 91: 680-683 (1952)
C.A. 49: 7089 d (1955)

Hf-1 Hoffmann, Josef
The Bioelement Uranium in Plant and Animal Kingdom as well as in the Human Organism
Biochem. Ztschr. 313: 377-387 (1943)
C.A. 37: 5771 (1943)

Hf-2 Hoffman, Josef
Uranium Concentration of the Following Organs: Anterior Pituitary, Thyroid, Reproductive Glands, Adrenals and Pancreas
Biochem. Ztschr. 315: 26-30 (1943)
C.A. 38: 150 (1944)

Hf-3 Hoffman, Josef
Uranium Absorbed in the Human Body by Eating and Drinking
Chemiker Zeitung, No. 5 - 6: 49-52 (1943)
C.A. 37: 5790 (1943)

Hf-4 Hoffman, Josef
On the Occurrence of Trace Elements, Especially Uranium, in the Beef Liver and Spleen
Zeitschrift für Physiologische Chemie 273: 115-117 (1942)
C.A. 37: 3149 (1943)

Hf-5 Hoffmann, Josef
Uranium in the Epidermal Tissues of Man and Animals
Zeitschrift für Physiologische Chemie 279: 120 (1943)
C.A. 38: 3011 (1944)

Hf-6 Hoffman, Josef
Uranium Content of Different Nerve and Gland Substances and As Well As of the Heart
Biochem. Ztschr. 315: 362-365 (1943)
C.A. 38: 2380 (1944)

Hf-7 Hoffmann, Josef
Uranium in the Animal Organism
Wien. Tierärztl. Monatschr. 28: 561-566 (1941)
C.A. 36: 5879 (1942)

Hf-8 Hoffmann, Josef
Uranium in the Human Organism
Wien. Klin. Wochschr. 54: 1055-1059 (1941)
C.A. 37: 5120 (1943)

Hf-9 Hoffmann, Josef
Uranium in the Human Thyroid Gland and Dog Testicle and Pancreas
Naturwissenschaften 30: 279-280 (1942)
C.A. 37: 5464 (1943)

Hi-1 Hibbs, R. F. and J. W. Redmond
Natural Abundance Measurements on Potassium and Magnesium
AECU-24 (1948)

Hil-1 Hill, Robert M. and Dorsey E. Holtkamp
Storage of Dietary Manganese and Thiamine in the Rat
Journal of Nutrition 53: 73-82 (1954)

Hk-1 Hoecker, F. E. and P. G. Roofe
Studies of Radium in Human Bone
Radiology 56: 89-98 (1951)

Hk-2 Hoecker, F. E. and P. G. Roofe
Structural Differences in Bone Associated with Metabolized Radium
Radiology 52: 856-865 (1949)

Hk-3 Hoecker, F. E. and P. G. Roofe
Metabolism and Distribution of Radium in Bone
Research Reviews published by the Navy Department: August, 1949

Hk-4 Roofe, Paul G. and Frank E. Hoecker
Studies of Apparent Submicroscopic Changes in Bone Matrix and Peripheral Blood Changes Associated with Metabolized Radium
Anatomical Record 103: 500 (1949)

Hk-5 Hoecker, F. E.
Significance of Absorbed Radium as Indicated by the Coefficient of Elimination
Journal of Industrial Hygiene and Toxicology 26: 289-295 (1944)

Hk-6 Hoecker, Frank E.
The Radon/Carbon Dioxide Ratio as an Index to Excessive Radium Absorption
Journal of Industrial Hygiene and Toxicology 26: 281-288 (1944)

Hk-7 Hoecker, Frank E.
Deposition of Radioactive Substances in Bone,
Peaceful Uses of Atomic Energy, International Conference held at Geneva, Switzerland, August, 1955, Volume 11: 138-145 Paper Number P/88

Hl-1 Howell's Textbook of Physiology
Edited by J. F. Fulton
W. B. Saunders Company, Philadelphia
15th Edition (1947)
17th Edition (1955)

Hn-1 Hahn, Paul F. and G. H. Whipple
Use of Radioactive Iron in the Study of Problems of Iron Metabolism and Experimental Anemia
Journal of Applied Physics 12: 314-315 (1941)

Hn-2 Darby, William J., Paul F. Hahn, R. C. Steinkamp and M. M. Kaser
Absorption of Radioactive Iron by School Children
Federation Proceedings 5: 231-232 (1946)

Hn-3 Hahn, Paul F.
Metabolism of Iron
Federation Proceedings 7: 493-498 (1948)

Hn-4 Hahn, Paul F.
Metabolism of Iron
Medicine 16: 249-267 (1937)

Hn-5 Hahn, Paul F., W. F. Bale, J. F. Rose, W. M. Balfour and G. H. Whipple
Radioactive Iron Absorption by Gastrointestinal Tract
Journal of Experimental Medicine 78: 169-188 (1943)

Hn-6 Hahn, Paul F. and G. H. Whipple
Iron Metabolism. II. Its Absorption, Storage and Utilization in Experimental Anemia
American Journal of Medical Science 191: 24-42 (1936)

Hn-7 Balfour, W. M., P. F. Hahn, W. F. Bale, W. T. Pommerenke and G. H. Whipple
Radioactive Iron Absorption in Clinical Conditions: Normal, Pregnancy, Anemia and Hemochromatosis
Journal of Experimental Medicine 76: 15-30 (1942)

Ho-1 Hodge, Harold C., W. Mann and I. Ariel
Distribution of Radio Iodine in Normal Rabbits
Journal of Applied Physics 12: 314 (1941)

Ho-2 Hodge, Harold C., H. E. Stokinger and W. F. Neuman
Suggested Maximum Allowable Concentration of Soluble Uranium Compounds in Air
UR-81 (1949)

Ho-3 Hodge, Harold C., H. E. Stokinger, W. F. Neuman, W. F. Bale, and A. E. Brandt
Suggested Maximum Allowable Concentration of Insoluble Uranium Compounds in Air
UR-67 (1949)

Ho-4 Ackerman, H., R. P. Allen, G. Bonner, W. L. Downs, H. C. Hodge, E. A. Maynard, W. F. Neuman, J. K. Scott, A. Sparks and H. E. Stokinger
Preliminary Studies of the Toxicity of Thorium
UR-13
or
AECD-2283 (1948)

Ho-5 Irving, Ariel, W. F. Bale, V. Downing, H. C. Hodge, Walter Mann, S. V. Voorhis, Stafford L. Warren and H. J. Wilson
Distribution of Radioactive Isotopes of Iodine in Normal Rabbits
American Journal of Physiology 132: 346-350 (1941)

Ho-6 Falkenheim, Marlene, Elizabeth E. Underwood and Harold C. Hodge
Calcium Exchange; The Mechanism of Absorption by Bone of Ca^{45}
Journal of Biological Chemistry 188: 805-817 (1951)

Ho-7 Hodge, Harold C.
Pharmacologic Tools in the Study of the Mechanisms of Uranium Poisoning
Archives of Industrial Hygiene and Occupational Medicine 2: 300-311 (1950)

Ho-8 Hodge, Harold C.
Mechanism of Uranium Poisoning
Federation Proceedings 6: 339 (1947)

Ho-9 Maynard, E. A., Challice Randall and H. C. Hodge
Effects of Feeding Uranyl Nitrate in the Diets of Breeding White Rats
Federation Proceedings 6: 355 (1947)

Ho-10 Mann, Walter, William F. Bale, H. C. Hodge and S. L. Warren
Distribution in Rabbit Tissues of Intravenously Injected Iodine as Shown by the Radioisotope, Iodine-130
Journal of Pharmacology and Experimental Therapeutics 95: 12-17 (1949)

Ho-11 Maynard, Elliott A., William L. Downs and Harold C. Hodge
Preliminary Data on Rat Feeding with Beryllium
MDDC-1234 (1947)

Ho-12 Crowell, Charles D. Jr., Harold C. Hodge and Willard R. Line
Chemical Analysis of Tooth Samples Composed of Enamel, Dentine and Cementum
Journal of Dental Research 14: 251-268 (1934)

Ho-13 Hodge, Harold C., William F. Koss, James T. Ginn, Marlene Falkenheim, Elizabeth Gavett, Richard C. Fowler, Isabell Thomas, John F. Bonner and Gerhard Dessauer
The Nature of the Insoluble Sodium of Bone. The Adsorption of Sodium at Forty Degrees by Bone, Dentin, Enamel and Hydroxyapatite as Shown by the Radioactive Isotope
Journal of Biological Chemistry 148: 321-332 (1943)

Ho-14 Hodge, Harold C.
Mechanism of Uranium Poisoning
Archives of Industrial Health 14: 43-47 (1956)

Ho-15 Manly, Marian LeFevre, Harold C. Hodge and Stanley N. Van Voorhis
Distribution of Ingested Phosphorus in Bone and Teeth of a Dog, Shown by Radioactive Isotope
Proceedings of the Society for Experimental Biology and Medicine 45: 70-72 (1940)

Ho-16 Chen, Phillip S., Jr., Frank A. Smith, Dwight E. Gardner, James A. O'Brien and Harold C. Hodge
Renal Clearance of Fluoride
Proceedings of the Society for Experimental Biology and Medicine 92: 879-883 (1956)

Ho-17 Hein, John W., John F. Bonner, Finn Brudevold, Frank A. Smith and Harold C. Hodge
Distribution in the Soft Tissue of the Rat of Radioactive Fluoride Administered as Sodium Fluoride
Nature 178: 1295-1296 (1956)

Hol-1 Holt, P. F., D. M. Yates and D. H. Tomlin
Distribution of Injected Selenium-31 in Rats
Biochemical Journal 48: XLIV (1951)

Hol-2 Holt, P. F. and D. M. Yates
Tissue Silicon: A Study of the Ethanol-Soluble Fraction Using Silicon-31
Biochemical Journal 54: 300-305 (1953)

Hol-3 Holt, P. F. and F. I. Scoular
Iron and Copper Metabolism of Young Women on Self-Selected Diets
Journal of Nutrition 35: 717-724 (1948)

Hor-1 Horwitt, M. K. and George R. Cowgill
The Effects of Ingested Lead on the Organism. I. Studies on the Rat
Journal of Pharmacology and Experimental Therapeutics 61: 300-310 (1937)

How-1 Howard, John E.
Metabolism of Calcium and Phosphorus in Bone
Bulletin of the New York Academy of Medicine 27: Series 2: 24-41 (1951)

Hp-1 Harp, M. J. and F. I. Scoular
Cobalt Metabolism of Young College Women on Self-Selected Diets
Journal of Nutrition 47: 67-72 (1952)

Hr-1 Harrison, Harold E. and Helen C. Harrison
Studies with Radiocalcium: The Intestinal Absorption of Calcium
Journal of Biological Chemistry 188: 83-90 (1951)

Hr-2 Harrison, Harold E. and Helen C. Harrison
The Uptake of Radiocalcium by the Skeleton
Federation Proceedings 8: 68-69 (1949)
or
Journal of Biological Chemistry 185: 857-867 (1950)

Hs-1 Hasterlik, R. J.
Beryllium Poisoning
Physics Today 2: (No. 6) 14-17 (June, 1949)

Hs-2 Hasterlik, R. J.
The Delayed Toxicity of Radium Deposited in the Skeleton
International Conference on the Peaceful Uses of Atomic Energy held at Geneva, Switzerland, August, 1955. Volume 11: 149-155

Ht-1 Hunter, F. T., A. F. Kip and J. W. Irvine, Jr.
Radioactive Tracer Studies on Arsenic Injected as Potassium Arsenite.
I. Excretion and Localization in Tissues
Journal of Pharmacology and Experimental Therapeutics 76: 207 - 220 (1942)

Ht-2 Hunter, F. T. and A. F. Kip
Fate of Inorganic Arsenic in Certain Animals in Man
Journal of Applied Physics 12: 324 (1941)

Ht-3 Hunter, Donald
Poisoning by the Newer Metals: Beryllium, Cadmium, Osmium and Vanadium
Arhiv Za Higijenu Rada 1: 113-121 (1950)

Ht-4 Hunter, R. B. - Chairman
Bone as a Skeletal Structure and as a Mineral Reserve
British Journal of Nutrition 6: 401-426 (1952)
Orkin, P. A.
I. The Evolution of Bone as Tissue and Organ. pp. 401-405
Bell, G. H.
II. Bone as a Skeletal Structure.. pp. 405-409
Walmsey, R.
III. Growth of Bone. pp. 410-415
Owen, E. C.
IV. Bone as Mineral Reserve. pp. 415-423
Tompsett, S. L.
V. Bone and Toxic Minerals. pp. 423-426

Ht-5 Brock, John F. and Donald Hunter
The Fate of Large Doses of Iron Administered by Mouth
Quarterly Journal of Medicine 6: 5-16 (1937)

Ht-6 Buckell, Monamy, Donald Hunter, Reginald Milton and Kenneth M. A. Perry
Chronic Mercury Poisoning
British Journal of Industrial Medicine 3: 55-63 (1946)

Hu-1 Hursh, John B. and A. A. Gates
Radium Content of the Body for Individuals with no Known Occupational Exposure
UR-119 (1950)

Hu-2 Stannard, J. Newell and John B. Hursh
Studies on Metabolism of Polonium in Experimental Animals and Long Term Chronic Exposure of Animals to Radioactive Materials
UR-39 (1948)

Hu-3 Hursh, John B. and J. N. Stannard
Present Status of Polonium Tolerance Estimations
UR-44
or
AECD-3539 (1948)

Hu-4 Personal Communication to Mary Jane Cook from John B. Hursh.
(March 18, 1953)

Hu-5 Personal Communication to Mary Jane Cook from John B. Hursh.
(June 23, 1953)

Hu-6 Sultzer, Mary and John B. Hursh
Polonium in the Urine of Miners Exposed to Radon
UR-266 (1953). or A.M.A. Archives of Industrial Hygiene and Occupational Medicine 9: 89-100 (1954)

Hu-7 Hursh, John B. and L. T. Steadman
Late Findings in Patients with Retained Thorotrast:
II. Excretion and Distribution of Thorium-232 and Its Radium-224 Daughter (Abstract)
Radiation Research 3: 235-236 (1955)

Hu-8 Hursh, John B.
Radium Content of Public Water Supplies
UR-257 (1953)

Hu-9 Hursh, John B. and A. A. Gates
Body Radium Content of Individuals with No Known Occupational Exposure
Nucleonics 7: No. 1, 46-59 (1950)

Hu-10 Hursh, John B. and A. A. Gates
Radium Analysis of Source and Tap Water. pp. 100-105
Quarterly Technical Report - October 1, 1950 through December 31, 1950.
UR-152

Hu-11 Hursh, John B.
Excretion of Radium by Dogs after Single Intravenous Injection, pp. 6-10
Quarterly Progress Report - January 1, 1952 through March 31, 1952
UR-205

Hu-12 Hursh, John B.
Radium Content of Public Water Supplies
Journal of the American Water Works Association 46: 43-54 (1954)

Hu-13 Nussbaum, E. and J. B. Hursh
Radon Solubility in Rat Tissues
Science 125: 552-553 (1957)

Hu-14 Hursh, John B.
Letter to Dr. Karl Z. Morgan. November 10, 1954

Hu-15 See ADDITIONS

Hv-1 NLCO-595
Proceedings of Bio-Assay and Analytical Meeting. October 6-7, 1955
Edited by Reynold L. Hoover
Fluorophotometric Determinations of Uranium in Urine and Air
Morris F. Milligan, Los Alamos pp. 15-34
Electrodeposition of Enriched Uranium in Urine
Fred Williams, Oak Ridge pp. 35-44
Determination of Fluoride in Water
William L. Lamar, U.S. Geological Survey pp. 45-70
Determination of Tritium in Urine and Water
M. F. Milligan, Los Alamos pp. 71-92
Determination of Mercury in Urine and Air
Evan Campbell, Los Alamos pp. 93-104
The Natural Radioactivity of Man
John B. Hursh Rochester pp. 105-122
Determination of Micromicrogram Qualtities of Radium
J. Sedlet, Argonne National Laboratory pp. 123-144
Counting Techniques and Instrumentation
Reynold L. Hoover, National Lead of Ohio pp. 145-154

Hw-1 Harrow, Benjamin
Textbook of Biochemistry
W. B. Saunders Company, Philadelphia (1943)

Hy-1 Healy, Jack W.
Personal Communication to Dr. Karl Z. Morgan from Jack W. Healy.
November 4, 1955

Hy-2 Healy, Jack W.
A Review of the MPC's for Natural Thorium
HW-40105 (November 21, 1955)

Hy-3 Healy, Jack W.
Personal Communication to Dr. Karl Z. Morgan from Jack W. Healy.
April 24, 1956

Hy-4 Healy, J. W., Editor HW-49793

Hy-5 Healy, J. W., Editor HW-48044

Hy-6 Healy, J. W.
Calculation of the Maximum Permissible Concentrations for Long-lived Radioisotopes
Radiation Research 4: 367-372 (1956)

Ja-1 Jacobson, Leon O., E. L. Simmons and M. H. Block
Effect of Splenectomy on Toxicity of Strontium-89 to Hematopoietic System of Mice
Journal of Laboratory and Clinical Medicine 34: 1640 - 1655 (1949)

Ja-2 Jacobson, Leon, Ralph Overstreet, and I. Chaikoff
Metabolism of Fission Products - Radiotellurium
MDDC-1005 or CH-2258 (1944)

Ja-3 Jacobson, Leon and D. Rosenbaum
Postmortem Findings and Radioactivity Determinations Five Years After Injection of Thorotrast
Radiology 31: 601-607 (1938)

Ja-4 Jacobson, Leon, Editor ACRH-2
Semiannual Report to AEC, September, 1954.
Hasterlik, R. J., W. B. Looney, A. M. Brues and E. Skirmont
A Clinical Investigation of the Chronic Effects of Radium Salts Administered Therapeutically (1915 - 1931)

Ja-5 Overstreet, Roy, Leon O. Jacobson, H. Fisher and Kenneth Scott
Progress Report on Metabolism of Fission Products for Period Ending October 15, 1943
MDDC-1011 or CH-1049

Ja-6 Jacobson, Leon O. and Eric L. Simmons
Studies of the Metabolism and Toxic Action of Injected Radium. Part II. The Hematological Effects of Parenterally Administered Radium. A Comparison of Plutonium and Radium Effects
AECD-2372 (1946)

Jb-1 Jacob, A.
The Significance of Trace Elements in Plant, Animal and Human Nutrition
Naturwissenschaftliche Rundschau 8: 309-314 (1955)

Jc-1 Jech, Čestmír
Retention of Radon Decay Products in Human Lungs
Archives of Industrial Health 13: 475 - 479 (1956)

Je-1 Jeffrey, M. R., H. F. Freundlich, E. B. Jackson and D. Watson
The Absorption and Utilization of Radioiron in Rheumatoid Disease
Clinical Science 14: 395 - 406 (1955)

Jk-1 Jackson, Melvin L.
Effects of Inhaled Radon on Mice
Journal of Applied Physics 12: 348 (1941)

Jl-1 Jolliffe, Norman, F. F. Tisdall and Paul R. Cannan
Clinical Nutrition
Paul B. Hoeber, Inc., New York City, New York (1950)

Jm-1 Janes, Joseph M., George M. Higgins and J. F. Herrick
Beryllium-Induced Osteogenic Sarcoma in Rabbits
J. Bone and Joint Surgery 36B: 543-552 (1954)

Jn-1 Jones, H. G.
Some Factors Influencing the Gastro-Intestinal Absorption of Strontium in Rats
A.E.R.E./SPAR/6 (1955)

Jo-1 Jones, Hardin B. and Ralph L. Gunther
Confirmation of Radioactivity in Thyroids of Various Animals - July 15 to September 10, 1954
UCRL-2689

Jo-2 Jones, Hardin B.
Confirmation of Radioactivity in Thyroids of Various Animals - July 15 to August 9, 1954
UCRL-2689 (Addition)

Jo-3 Jones, Hardin B., I. L. Chaikoff and John H. Lawrence
Phosphorus Metabolism of the Soft Tissues of the Normal Mouse as Indicated by Radioactive Phosphorus
American Journal of Cancer 40: 235-242 (1940)

Js-1 Jost, Leonard
Occurrence of the Heavy Metals in the Teeth and Salivary Glands
Deut. Zahn. usw. Heilk 1: 117-122 (1934)
C.A. 31: 3547 (1937)

Jt-1 Joyet, G. and Mrs. R. Gautier
Dynamic Theory of the Radioiodine Investigation of Thyroid Function
Bulletin der Schweizerischen Akademie der Medizinischen Wissenchaften 11: 82-115 (1955)

Jy-1 Owen, Maureen, Jenifer Jowsey and Janet Vaughan
Investigation of the Growth and Structure of the Tibia of the Rabbit by Microradiographic and Autoradiographic Techniques
Journal of Bone and Joint Surgery 37B: 324-342 (1955)

Jy-2 Jowsey, Jenifer, H. A. Sissons and Janet Vaughan
The Site of Deposition of Yttrium-91 in the Bones of Rabbits and Dogs
Journal of Nuclear Energy 2: 168-176 (1956)

Jy-3 Jowsey, Jenifer
The Use of the Milling Machine for Preparing Bone Sections for Microradiography and Microautoradiography
Journal of Scientific Instruments 32: 159-163 (1955)

Jy-4 O'Neil, J. B., Jenifer R. Jowsey, C. C. Lee and J.W.T. Sprinks
Distribution of Phosphorus-32 in Chick Embryos
Canadian Journal of Research, D, 27: 223-232 (1949)

Jy-5 Kent, P. W., J. Jowsey, L. M. Steddon, R. Oliver and J. Vaughan
The Deposition of S^{35} in Cortical Bone
Biochemical Journal 62: 470 - 476 (1956)

Ka-1 Kamen, M. D.
Radioactive Tracers in Biology
Academic Press, Inc., New York (1947)

Kal-1 Kashchenko, L. A.
On the Effects of Radioactive Iodine on the Hypophysis and Ovaries of Mammals
Med. Radio. No. 2; 70-75 (1956) in Russian
Nuclear Science Abstracts 10: 11017 (1956)

Kas-1 Kansas State College of Agriculture and Applied Science
Report Number 4 of Agricultural Experiment Station. TID-5098
A Conference on the Use of Isotopes in Plant and Animal Research Held on June 12, 13 and 14, 1952.
Hansard, Sam L.
Metabolism Procedures and Their Significance in Radioisotope Studies with Farm Animals. pp. 88-98
Kleiber, Max
Use of P^{32} as Tracer in Research on Metabolism and Food Utilization in Intact Dairy Cows. pp. 99-121
Wolterink, Lester F.
Isotopes in Hormonal and Nutritional Studies in Animals. pp. 122-154

Kb-1 Kleiber, Max
"Carbon-14 Distribution in a Cow Following Intravenous Injection of $NaHC^{14}O_3$"
M-4458 (1949)

Kc-1 Koch, Henry J., Jr., E. R. Smith, N. F. Shimp and Jane Connor
Analysis of Trace Elements in Human Tissues
Cancer 9: 499-511 (1956)

Kc-2 Koch, Henry J., Jr., and Elmer R. Smith
The Determination of Copper and Zinc in Normal and Pathological Human Thyroid Tissue
Journal of Clinical Endocrinology 16: 123-129 (1956)

Ke-1 Keating, F. R., Jr., M. H. Power, J. Berkson and S. F. Haines
"Urinary Excretion of Radioiodine in Various Thyroid States."
Journal of Clinical Investigation 26: 1138-1151 (1947)

Kg-1 King, Earl J., Helen Stantial and Margery Dolan
"The Biochemistry of Silicic Acid"
I. Micro Determination of Silica
Biochem. Journal 27: 990-1001 (1933)
II. The Presence of Silica in Tissues
Biochemical Journal 27: 1002-1006 (1933)
III. The Excretion of Administered Silica
Biochem. Journal 27: 1007-1014 (1933)

Kg-2 King, Earl J. and Thomas H. Belt
"The Physiological and Pathological Aspects of Silica"
Physiological Reviews 18: 329-365 (1938)

Kg-3 King, Earl J.
"Silicosis and the Metabolism of Silica"
Canadian Medical Association Journal 31: 21-26 (1934)

Kg-4 Belt, T. H., D. Irwin and E. J. King
"Silican and Dust Deposits in the Tissues of Persons Without Occupational Exposure to Siliceous Dusts"
Canadian Medical Association Journal 34: 125-133 (1936)

Kg-5 King, Earl J.
The Estimation of Silica in Tissues
Journal of Biological Chemistry 80: 25-31 (1928)

Kh-1 Kehoe, Robert A. Frederick Thamann and Jacob Cholak
"Lead Absorption and Excretion in Relation to the Diagnosis of Lead Poisoning"
Journal of Industrial Hygiene 15: 320-340 (1933)

Kh-2 Kehoe, Robert A., Frederick Thamann and Jacob Cholak
"On the Normal Absorption and Excretion of Lead.
I. Lead Absorption and Excretion in Primitive Life.
II. Lead Absorption and Lead Excretion in Modern American Life.
III. The Sources of Normal Lead Absorption.
IV. Lead Absorption and Excretion in Infants and Children."
Journal of Industrial Hygiene 15: 257-305 (1933)

Kh-3 Kehoe, Robert A., Jacob Cholak, D. M. Hubbard, Karl Bambach and R. R. McNary
"Experimental Studies on Lead Absorption and Excretion and Their Relation to the Diagnosis and Treatment of Lead Poisoning"
Journal of Industrial Hygiene and Toxicology 25: 71-79 (1943)

Kh-4 Kehoe, Robert A., Jacob Cholak and R. V. Story
"A Spectrochemical Study of the Normal Ranges of Concentration of Certain Trace Metals in Biological Materials"
Journal of Nutrition 19: 579-592 (1940)

Kh-5 Kehoe, Robert A., Frederick Thamann and Jacob Cholak
"Normal Absorption and Excretion of Lead"
Journal of the American Medical Association 104: 90-92 (1935)

Kh-6 Kehoe, Robert A.
"Lead Absorption and Lead Poisoning"
The Medical Clinics of North America 26: 1261-1279 (1942)

Kh-7 Kehoe, Robert A., Jacob Cholak and Robert V. Story
"Manganese, Lead, Tin, Aluminum, Copper and Silver in Normal Biological Material"
Journal of Nutrition 20: 85-98 (1940)

Kh-8 Kehoe, Robert A., Jacob Cholak and E. J. Largent
The Hygienic Significance of the Contamination of Water with Certain Mineral Constituents
Journal of the American Water Works Association 36: 645-657 (1944)

Kh-9 Kehoe, Robert A., Jacob Cholak and Edward J. Largent
The Concentrations of Certain Trace Metals in Drinking Water
Journal of the American Water Works Association 36: 637-644 (1944)

Ki-1 Kittle, Frederick, E. Richard King, C. T. Bahner and Marshall Brucer
"Distribution and Excretion of Radioactive Hafnium^{181} Sodium Mandelate in the Rat"
Proceedings of the Society for Experimental Biology and Medicine 76: 278-284 (February, 1951)

Kik-1 Kikuchi, Takehiko; Gyoichi Wakisaka; Tsuyoshi Kono; Hiroshi Goto; Hiroaki Akagi; Tsunehisa Yamamsu; and Isamu Sugawa
Studies on the Metabolism of Fission Products
I. Studies on the Metabolism of the Radioactive Ashes Obtained from the No. 5 Fukuryu Maru.
Bulletin of the Institute for Chemical Research. Kyoto University, Kyoto, Japan. Supplementary Issue. pp. 75-83. (November, 1954)

Kik-2 Kikuchi, Takehiko; Gyochi Wakisaka; Tsuyoshi Kono; Hiroshi Goto; Hiroaki Akagi; Tsunehisa Yamamsu; and Isamu Sugawa.
Studies on the Metabolism of Fission Products.
II. Studies on the Metabolism of the Radioisotopes Contained in the Radioactive Ashes Obtained from the No. 5 Fukuryu Maru.
Bulletin of the Institute for Chemical Research. Kyoto University, Kyoto, Japan. Supplementary Issue. pp. 84-98. (November, 1954)

Kik-3 Kikuchi, Takehiko; Gyoichi Wakisaka; Masaru Suenage; Tsuyosi Kono; Hiroaki Akagi; Hiroshi Goto; Takashi Matsuki; and Yasuo Yoshimine
Studies on the Metabolism of Fission Products.
III. Radioautographic Studies on the Localization of Radiostrontium and Radiocalcium in the Bones.
Bulletin of the Institute for Chemical Research. Kyoto University, Kyoto, Japan. Supplementary Issue. pp. 99-105. (November, 1954)

Kik-4 Kikuchi, Takehiko; Gyoichi Wakisaka and Takashi Matsuki
Studies on the Influence of Radiostrontium upon the Blood and Bone Marrow Picture of Rabbits
Bulletin of the Institute for Chemical Research. Kyoto University, Kyoto, Japan. Supplementary Issue. pp. 112-119. (November, 1954)

Kil-1 Kilpatrick, R., H. E. Renschler, D. S. Munro and G. M. Wilson
A Comparison of the Distribution of K^{42} and Rb^{86} in Rabbit and Man
Journal of Physiology 133: 194-201 (1956)

Kin-1 Kinard, F. W. and J. C. Aull
Distribution of Tungsten in the Rat Following Ingestion of Tungsten Compounds
Journal of Pharmacology and Experimental Therapeutics 83: 53-55 (1945)

Kin-2 Kinard, F. W. and John van de Erve
Effect of Tungsten Metal Diets in the Rat
Journal of Laboratory and Clinical Medicine 28: 1541-1543 (1943)

Kin-3 Kinard, F. W. and John van de Erve
Toxicity of Orally-Ingested Tungsten Compounds in the Rat
Journal of Pharmacology and Experimental Therapeutics 72: 196-201 (1941)

Kk-1 Kaminskaya, S. E.
Determination of Titanium in Organisms
Trav. Lab. Biogeochim. Acad. Sci. U.R.S.S. 4: 227-243 (1937)
C.A. 32: 7486 (1938)

Kk-2 Kaminskaya, S. E.
The Presence of Titanium in Organisms
Trav. Lab. Biogeochim. Acad. Sci. U.R.S.S. 7: 130-135 (1944)
C.A. 40: 5781 (1946)

Kl-1 Kleiner, Israel
Human Biochemistry
C. V. Mosby Company, St. Louis (1948)

Kle-1 Klein, Erich
Iodine Metabolism in Relation to Age
Z. Alterforsch 8: 119-128 (1954)
Excerpta Med. 9: Section VI, 991-992 (1955)
C.A. 50: 14070 (1956)

Km-1 Koletsky, Simon and J. H. Christie
"Biologic Effects of Radioactive Phosphorus Poisoning"
American Journal of Pathology 27: 175-209 (1951)

Kn-1 Kent, N. L. and R. A. McCance
"Absorption and Excretion of 'Minor' Elements by Man.
I. Silver, Gold, Lithium, Boron and Vanadium."
Biochemical Journal 35: 837-844 (1941)

Kn-2 Kent, N. L. and R. A. McCance
"Absorption and Excretion of 'Minor' Elements by Man
II. Cobalt, Nickel, Tin and Manganese."
Biochemical Journal 35: 877-883 (1941)

Ko-1 Kotzareff, A.
A Propos des Notes de A. Lacassagne et J. Lattès sur la Fixation du Polonium par L'Organisme et sur L'Auto-radiographie des Organes
Comptes Rendus Hebdomadaires de la Société de Biologie 93: 404-405 (1925)

Ko-2 Kotzareff, A.
A Propos des Notes de A. Lacassagne et J. Lattès sur la Fixation Elective et la Nocivité du Polonium
Comptes Rendus Hebdomadaires de la Société de Biologie 93: 471-472 (1925)

Koe-1 van Koetsveld, E. E.
Various Aspects of Copper Metabolism
Tijdschr. Diergeneesk. 79: 495-504 (1954)
C.A. 49: 4828 h (1955)

Kol-1 Brown, Herman and John A. Kolmer
Bismuth Excretion and Storage in Rabbits after the Oral and Intramuscular Administration of Sobiominal Solution and Water-Soluble Potassium Bismuth Tartrate
American Journal of Syphilis, Gonorrhea and Venereal Diseases 26: 159-165 (1942)

Kor-1 Ko, Ray
Spectrochemical Analysis of Water
HW-48770 (January 10, 1957)

Kp-1 Turekian, Karl K. and J. Laurence Kulp
Strontium Content of Human Bones
Science 124: 405-406 (August 31, 1956)

Kp-2 Kulp, J. Laurence, Walter R. Eckelmann, Arthur R. Schulert
Strontium-90 in Man
Science 125: 219-225 (1957)

Kr-1 Krebs, Adolf
Investigations on the Problem of Radium Poisoning
Strahlentherapie 72: 164-169 (1942)

Kr-2 Krebs, Adolf
Concerning the Toxicology of Thorium Emanation
Naturwissenchaften 28: 766-767 (1940)

Kra-1 Krakusin, Jacob S. and Robert B. Jennings
Radioautographic Localization of Sodium-22 in the Rat Kidney
A.M.A. Archives of Pathology 59: 471-486 (1955)

Kra-2 Jennings, R. B. and J. S. Krakusin
Localization of Sodium-22 in the Rat Kidney
Federation Proceedings 11: 417 (1952)

Kre-1 Kremen, A. J., S. W. Hunter, G. E. Moore and C. R. Hitchcock
Distribution of Tracer Doses of Methionine Tagged with Radiosulfur in Normal and Neoplastic Tissue
Cancer Research 9: 174-176 (1949)

Kri-1 Kraintz, Leon and Roy V. Talmage
Distribution of Radioactivity Following Intravenous Administration of Trivalent Cr^{51} in the Rat and Rabbit
Proceedings of the Society for Experimental Biology and Medicine 81: 490-492 (1952)

Krm-1 Kramish, A., Editor, Sunshine Report AECU-3488
Worldwide Effects of Atomic Weapons. Project Sunshine
(August 6, 1953)

Ks-1 Kriss, Joseph P.
Uptake of Radioactive Iodine after Intravenous Administration of Tracer Doses
Journal of Clinical Endocrinology 11: 289-297 (1951)

Kt-1 Memo-Unpublished information from J. Katz to H. A. Kornberg. September 25, 1950.

Kt-2 Kornberg, H. A., Manager HW-35917 Official Use Only
Biology Research - Annual Report, 1954
Weeks, M. H. and W. D. Oakley
Gastrointestinal Absorption, Distribution and Retention of Cesium Fed Chronically in Various Forms to Rats. pp. 50-55
Weeks, M. H., L. A. George, W. D. Oakley, L. K. Bustad and R. C. Thompson
Comparison of Gastrointestinal Absorption of Plutonium in the Rat and Dog. pp. 64-67
Thompson, R. C. and O. L. Hollis
Gastrointestinal Absorption of Ruthenium in the Rat. (Preliminary Studies) pp. 70-73
Weeks, M. H. and R. C. Thompson
Absorption, Distribution and Retention of Ruthenium in Rats Following Chronic Oral Administration. pp. 74-81
Thompson, R. C. and O. L. Hollis
Distribution and Retention of Ruthenium in Rats Following Intraperitoneal Administration. pp. 82-86

Kt-3 Biology Research Annual Report - 1953. HW-30437
Thompson, R. C. and J. E. Ballou
Comparison of the Metabolism of Deuterium and Tritium in the Rat. pp. 79-80
Smith, G. N., O. L. Hollis and R. C. Thompson
Distribution of Bound Tritium in the Rat Following Exposure to Tritium Gas. pp. 81-86
Thompson, R. C. and J. E. Ballou
Distribution of Bound Tritium in the Rat Following Chronic Exposure to Tritium Oxide. pp. 87-92
Hanson, W. C. and R. L. Browning
Absorption and Distribution of Ruthenium in the Fowl. pp. 95-98
Palmer, R. F.
Normal Abundance of Radium in Cadavers from the Pacific Northwest. pp. 99-101
Katz, J. and M. H. Weeks
Absorption of Plutonium from the Gastrointestinal Tract of Rats: Effect of Plutoninum Concentration. pp. 106-108
Bustad, L. K., L. A. George, C. M. Barnes, S. Marks, D. E. Warner and H. A. Kornberg
Toxicity of I^{131} in Sheep. X. Low-Level Chronic Effects. pp. 131-140

Kt-4 Katz, J., C. W. DeLong, M. E. Getzendaner, A. C. Case and Esther S. Miller
Absorption of Plutonium Fed Chronically to Rats. Part I. Effect of Sex on Fraction Absorbed after High Dosage Levels.
HW-20941 (March 13, 1951)

Kt-5 Katz, J.
Plutonium Metabolism - A Literature Review
HW-21868 (January 2, 1951)

Kt-6 Katz, Joseph, Maurice H. Weeks and R. C. Thompson
Gastro-Intestinal Absorption of Plutonium
II. Effect of Plutonium Concentration in Solution Fed
HW-30220 (January 4, 1954)

Kt-7 Weeks, M. H., L. A. George, W. D. Oakley, L. K. Bustad and R. C. Thompson
Gastro-Intestinal Absorption of Plutonium. III. Comparison Between Rat and Pig.
HW-33744 (November 15, 1954)

Kt-8 Katz, Joseph, H. A. Kornberg and H. M. Parker
Absorption of Plutonium Fed Chronically to Rats. I. Fraction Deposited in Skeleton and Soft Tissues Following Oral Administration of Solutions of Very Low Mass Concentration
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 73: 303-308 (February, 1955)

Kt-9 Weeks, Maurice H., Joseph Katz, Willa D. Oakley, John E. Ballou, Lynn A. George, Leo K. Bustad, Roy C. Thompson and Harry A. Kornberg
Further Studies on the Gastrointestinal Absorption of Plutonium
Radiation Research 4: 339-347 (1956)

Kt-10 Kornberg, Harry A., Manager HW-47500
Hanford Atomic Products Operation. Biology Research Annual Report, 1956
Thompson, R. C. and O. L. Hollis
Early Fate of Ingested Ruthenium. pp. 11-19
Ballou, J. E. and R. C. Thompson
Distribution and Retention of Ruthenium. pp. 20-24
Ballou, J. E.
Effect of Age on the Absorption of Plutonium and Ruthenium. pp. 25-29
Kawin, B., N. L. Dockum and R. F. Palmer
Distribution and Excretion of Plutonium. pp. 30-35
Borasky, R.
Collagen Reactivity with Plutonium pp. 36-41
Ballou, J. E.
Distribution and Retention of Cesium. pp. 42-45
Sullivan, Maurice F. and Patricia L. Hackett
Irradiation of the Intestine by Radioisotopes. pp. 56-62
Kawin, B.
Effects of Isotopic Dilution of Ca^{45} and Sr^{89} Deposition. pp. 74-78
Horstman, V. G., A. A. Selders, W. L. Nicholson, F. P. Hungate and L. K. Bustad
Turnover of Inorganic Versus Plant Incorporated Sr^{90} to Sheep Milk. pp. 79-83
Bustad, L.K., V. G. Horstman, L. A. George, Jr., S. Marks, P. L. Hackett, W. J. Clarke, Jr., L. J. Seigneur and H. A. Kornberg
Toxicity of I^{131} in Sheep. XXII. Effects Following Prolonged Administration pp. 84-91

Marks, S., L. A. George, Jr., L. J. Seigneur and L. K. Bustad
Thyroid Adenomas in Sheep Fed 5 μc I^{131}/Day. pp. 92-96
Seigneur, L. J., P. L. Hackett and L. K. Bustad
Biological Effects of I^{131} in Pigs. I. Nutrition Level as a Factor in Thyroidal-I^{131} Metabolism. pp. 104-110
Ballou, J. E. and W. D. Oakley
Absorption and Decontamination of Plutonium on Rats. pp. 142-145
George, L. A., Jr., N. L. Dockum and L. K. Bustad
Removal of Plutonium from Pig Skin. pp. 146-156
Willard, D. H., L. A. Temple, V. H. Smith and R. W. Wager
Turnover and Distribution of Radioactive Particles in the Lung. pp. 160-164
Temple, L. A., D. H. Willard, V. H. Smith and R. W. Wager
Lung Tumors Following Deposition of Particulate Material. pp. 165-169
Palmer, R. F.
Accumulation of Radioisotopes in Rats Chronically Exposed to Reactor Effluent Water pp. 209-211

Kt-11 Kornberg, Harry A., Manager HW-41500
Hanford Atomic Products Operation. Biology Research - Annual Report, 1955.
Kawin, B.
Effects of Carrier upon Distribution of Ca^{45} and Sr^{89} in Rats. pp. 14-18
Kornberg, H. A.
Effectiveness of Isotopic Dilution. pp. 19-28
Palmer, R. F.
Chronic Build-Up of Reactor Effluent Radioisotopes in Rats. pp. 53-54
Wager, R. W., N. L. Dockum, L. A. Temple and D. H. Willard
Toxicity of Radioactive Particles. IA. Intratracheal Injection of Radioactive Suspensions. pp. 61-72
Dockum, N. L. and J. W. Healy
Spot Diameter Method of Quantitative Autoradiography of Ru^{106} Particles in Lung Tissue. pp. 73-76
Oakley, W. D. and R. C. Thompson
Further Studies on Percutaneous Absorption and Decontamination of Plutonium in Rats. pp. 106-113
Weeks, M. H., J. E. Ballou and R. C. Thompson
Effect of Chemical and Physical State on Gastrointestinal Absorption of Plutonium. pp. 114-118
Thompson, R. C., M. H. Weeks, O. L. Hollis, J. E. Ballou and Willa D. Oakley
Absorption and Turnover of Ru^{106}. pp. 119-123
Thompson, R. C. and O. L. Hollis
Gastrointestinal Distribution with Time of Ruthenium Chloride. pp. 124-125
Kawin, B. and R. F. Palmer
Gastrointestinal Absorption, Distribution, and Retention of Various Forms of P^{32} by Rats. pp. 126-128
Kawin, B. and R. F. Palmer
Distribution of P^{32} in Bones of Rats. pp. 129-135
Bustad, L. K., L. A. George, Jr., V. G. Horstman, S. Marks, P. L. Hackett and H. A. Kornberg
Toxicity of I^{131} in Sheep. XIX. Low-Level Chronic Effects. pp. 136-144
Seigneur, L. J., P. L. Hackett, S. Marks, L. A. George, Jr. and L. K. Bustad
Toxicity of I^{131} in Sheep. XX. Effects of Acute Administration in Lambs. pp. 145-151
Seigneur, L. J., L. D. Test and L. K. Bustad
Scintillation Detector for Thyroidal I^{131} in Pigs. pp. 166-172

Ku-1 Krumholz, Louis A. and John H. Rust
Osteogenic Sarcoma in a Muskrat from an Area of High Environmental Radiostrontium
A.M.A. Archives of Pathology 57: 270-278 (1954)

Kul-1 Kulwich, Roman, Lee Struglia and Paul B. Pearson
Metabolic Fate of Sulfur-35 in Sheep
Journal of Nutrition 61: 113-126 (1957)

Kul-2 Kulwich, Roman, L. Struglia and P. B. Pearson
Sulfur Metabolism in Baby Pigs
Federation Proceedings 15: p. 560 or Abstract 1823 (1956)

Kv-1 Kinney, Ethel May and E. V. McCollum
"A Study of the Rate of Deposition and Paths of Absorption of Strontium in the Rat"
Journal of Pharmacology and Experimental Therapeutics 21: 165-176 (April, 1923)

Kw-1 Kawin, B. and R. F. Palmer
Gastrointestinal Absorption, Distribution and Retention of Phosphorus (P^{32}) by Rats Following Feeding in Various Forms
HW-43836 (June 21, 1956)

Ky-1 Kyker, Granvil C.
Biochemical Consideration of Distribution
American Journal of Medical Sciences 227: 572-589 (1954)

Ky-2 Kyker, Granvil C., W. M. Christopherson, H. F. Berg and Marshall Brucer
Selective Irradiation of Lymph Nodes by Radiolutecium (Lu^{177})
Cancer 9: 489-498 (1956)

Ky-3 Christopherson, William M., Harold F. Berg, G. C. Kyker and Marshall Brucer
Studies of Interstitial Radiolutetium (Lu^{177}) in the Dog
A.M.A. Archives of Pathology 62: 441-444 (1956)

Ky-4 Woodbury, Robert A., Ernest Daigneault and Granville C. Kyker
Influence of Previous Administration of Stable Yttrium upon the Excretion and Distribution of Yttrium-91
Journal of Pharmacology and Experimental Therapeutics 116: 63-64 (1956)

Ky-5 Andrews, Gould A., Granvil C. Kyker, Ralph M. Kniseley and Etna L. Palmer
Preliminary Studies of Yttrium-90 in Man (Abstract)
Proceedings of the American Association for Cancer Research - Abstracts of papers presented at the 46th Annual Meeting, April 15-17, 1955, San Francisco, California. Volume 2: 1 (April, 1955)

Ky-6 Kyker, Granvil C., Edgar A. Cress and G. I. Gleason
Effect of pH and Carrier on the Distribution of Radioyttrium (Abstract)
Abstracts of Papers presented at the American Chemical Society Meeting. March 24 - April 1, 1954. Kansas City, Missouri. Paper 47. pp. 19c - 20c

Ky-7 Kyker, Granvil C. and Edgar A. Cress
Acute Toxicity of Yttrium, Lanthanum and Other Rare Earths
A. M. A. Archives of Industrial Health 16: 475-479 (1957)

Ky-8 Kyker, Granvil C. and Elizabeth B. Anderson, Editors
Rare Earths in Biochemical and Medical Research: A Conference Sponsored by the Medical Division, Oak Ridge Institute of Nuclear Studies, October, 1955
ORINS-12 (September, 1956)
DuBois, Kenneth P.
Chemical Toxicity of Salts of Lanthanum, Yttrium and Other Rare Minerals to Animals. pp 91-98
Norris, W. P., H. Lisco and A. M. Brues
The Radiotoxicity of Cerium and Yttrium. pp 102-111
Durbin, Patricia W., C. Willet Asling, Muriel E. Johnston, Joseph G. Hamilton and Marilyn H. Williams
The Metabolism of the Lanthanons in the Rat. II. Time Studies of the Tissue Deposition of Intravenously Administered Radioisotopes. pp 171-192
Laszlo, Daniel
Distribution of Lanthanum and Yttrium in the Mammalian Organism. pp 193-217
The Effect of Dose on the Mobilization of Rare-Earth Radioisotopes
I. Animal Studies. Granvil C. Kyker. pp 222-240
II. Preliminary Clinical Studies. Gould A. Andrews. pp 241-258
Mayer, S. W. and M. E. Morton
Preparation and Distribution of Yttrium 90 Fluoride. pp 263-277
Hood, S. L. and C. L. Comar
Tissue Distribution and Placental Transfer of Yttrium-91 in Rats and Cattle. pp 280-310
Jowsey, Jenifer
The Localization of Yttrium in the Bone. pp 311-320
Cooper, John A. D., George J. Bulkley and V. J. O'Connor
Intraprostatic Injection of Radioactive Yttrium Chloride in the Dog. pp 323-331
Christopherson, W. M., H. F. Berg, G. C. Kyker and M. Brucer
Studies of Radiolutecium in the Mammary Gland, pp 332-339

Ky-9 Christopherson, William M., Granvil C. Kyker, H. F. Berg, Marshall Brucer and Johanna Meyer
Effect of Specific Activity on Distribution of Radiolutetium
Proceedings of the Society for Experimental Biology and Medicine 95: 750-754 (1957)

Kz-1 Kuzma, Joseph F. and Gloria Zander
Cancerogenic Effects of Ca^{45} and Sr^{90} in Sprague-Dawley Rats
A.M.A. Archives of Pathology 63: 198-206 (1957

La-1 Lawrence, John H. and Joseph G. Hamilton
Advances in Biological and Medical Physics, Volume I.
Academic Press, Inc. New York (1948)

La-2 Lawrence, John H. and Joseph G. Hamilton
Advances in Biological and Medical Physics, Volume II.
Academic Press, Inc. New York (1951)

La-3 Lawrence, John H.
Progress Report for August, 1947 - Medical and Health Physics Section.
Part A. Cobalt Distribution
MDDC-1597

La-4 Lawrence, John H. and Kenneth G. Scott
Comparative Metabolism of Phosphorus in Normal and Lymphomatous Animals
Proceedings of the Society for Experimental Biology and Medicine 40: 694-696 (1939)

La-5 Lawrence, John H., L. W. Tuttle, Kenneth G. Scott and C. L. Connor
Studies on Neoplasms with the Aid of Radioactive Phosphorus.
I. The Total Phosphorus Metabolism of Normal and Leukemic Mice
Journal of Clinical Investigation 19: 267-271 (1940)

La-6 Tobias, Cornelius A., Hardin B. Jones, John H. Lawrence and Joseph G. Hamilton
Uptake and Elimination of Krypton and Other Inert Gases by the Human Body
Journal of Clinical Investigation 28: 1375-1385 (1949)

La-7 Erf, L. A. and J. H. Lawrence
Clinical Studies with the Aid of Radioactive Phosphorus. I. The Absorption and Distribution of Radio-Phosphorus in Blood and Its Excretion by Normal Individuals and Pateints with Leukemia
Journal of Clinical Investigation 20: 567-575 (1941)

Lac-1 Lacroix, M. P.
Calcium Metabolism in Compact Bones of the Adult Rabbit
Bulletin de L'Academie Royale de Medicine de Belgique 18: 489-495 (1953)

Lac-2 Lacroix, M.P., R. Devis and E. Schicks
Distribution of Radiophosphorus in the Long Bones of Adult Rabbits
Experientia 8: 113-114 (1952)

Lan-1 Lang, Frederick R.
A Study of the Use of Radioactive Gallium in Medicine
Annals of Internal Medicine 35: 1237-1249 (1951)

Lb-1 Looney, William B. and Lois A. Woodruff
Investigation of Radium Deposit in Human Skeleton by Gross and Detailed Autoradiography
A.M.A. Archives of Pathology 56: 1-12 (1953)

Lb-2 Looney, William B.
The Initial Medical and Industrial Use of Radioactive Materials (1915-1940)
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 72: 838-848 (1954)

Lb-3 Looney, W. B., R. J. Hasterlik, A. M. Brues and E. Skirmont
A Clinical Investigation of the Chronic Effects of Radium Salts Administered Therapeutically (1915-1931)
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine: 73: 1006-1037 (1955)

Lb-4 Looney, W. B.
Radium Toxicity Program: A Progress Report of Clinical Studies on Twenty-Four Patients
ANL-4666 (1951)

Lb-5 Looney, W. B.
Late Follow-Up Studies after Internal Deposition of Radioactive Materials
J.A.M.A. 160: 1-3 (1956)

Lb-6 Looney, W. B.
Late Clinical Changes Following the Internal Deposition of Radioactive Materials
Annals of Internal Medicine 42: 378-387 (1955)

Lb-7 Looney, W. B., J. B. Hursh, V. E. Archer, L. T. Steadman and M. Colodzin
A Summary of Radium and Thorium Excretion in Humans
International Conference on the Peaceful Uses of Atomic Energy 11: 55-64
August, 1955. Paper Number P/479

Lb-8 Looney, W. B. and V. E. Archer
Radium Inhalation Accident - Radium Excretion Study
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 75: 548-558 (1956)

Lb-9 Looney, W. B.
Late Effects (Twenty-Five to Forty Years) of the Early Medical and Industrial Use of Radio-Active Materials. Their Relation to the More Accurate Establishment of Maximum Permissible Amounts of Radio-Active Elements in the Body
Part I. The Journal of Bone and Joint Surgery 37-A: 1169 - 1187 (1955)
Part II. The Journal of Bone and Joint Surgery 38-A: 175-218 (1956)
Part III. The Journal of Bone and Joint Surgery 38-A: 392-406 (1956)

Lb-10 Looney, W. B., Martin Colodzin, J. B. Hursh and L. T. Stedman
Thorotrast (Thorium Dioxide) Administration - A Quarter Century Review
Presented at the Fifty-fifth Annual Meeting, American Roentgen Ray Society, Washington, D.C., September 21-24, 1954 and the Radiation Research Society Meeting, New York City, May 16-18, 1955.

Lb-11 Looney, William B.
A Re-Evaluation of the Maximum Permissible Concentration for Radium.
Unpublished Data (July 31, 1957)

Lb-12 Looney, W. B. and M. Colodzin
Late Follow-up Studies after Internal Deposition of Radioactive Materials
Journal of the American Medical Association 160: 1-3 (1956)

Lc-1 Lattès, J. Samuel et M. Antoine Lacassagne présentée par M. Jean Perrin
Dosage dans les Diffèrents Organes, du Polonium Injecté dans L'Organisme
Comptes Rendus Hebdomadaires des Séances de l'Academie des Sciences
178: 771-773 (1924)

Lc-2 Lattès, J. Samuel, et M. Antoine Lacassagne transmise par M. Jean Perrin
Technique Chimico-physique de Détection du Polonium Injected dans les Organes
Comptes Rendus Hebdomadaires des Séances de l'Academie des Sciences
178: 630-632 (1924)

Lc-3 Lacassagne, A. and R. Ferroux
Nouvelle Démonstration de l'Absence de Fixation Elective de l'Emanation du Radium sur Les Tissues Cancéreux
Comptes Rendus Hebdomadaires de la Societé de Biologie 93: 1356-1358 (1925)

Lc-4 Lacassagne, Antoine et J. Samuel Lattès, présentée par M. Jean Perrin
Methode Auto-histo-radiographique pour la Détection dans les Organes du Polonium Injecté
Comptes Rendus Hebdomadaires des Séances de l'Academie des Sciences
178: 488-490 (1924)

Lc-5 Lacassagne, Antoine, J. Lattès and J. Lavedan
Etude Experimentale des Effets Biologiques du Polonium Introduit dans l'Organisme
Journal de Radiologie et d'Electrologie 9: 1-14 and 67-82 (1925)

Lc-6 Lattès, Jeanne S. and A. Lacassagne
Elimination du Polonium Injecté dans l'Organisme
Journal de Radiologie 12: 16-19 (1928)

Lc-7 Lacassagne, A. and M. Servigne
Localization du Polonium dans l'Organisme en Fonction de la Nature de la Solution Injectée
Journal de Pharmacologie et de Chimie, 8 Serie, 21: 145-151 (1935)

Ld-1 Lund, Alf
Distribution of Thallium in the Organism and Its Elimination
Acta Pharmacologica et Toxicologica 12: 251-259 (1956)

Ld-2 Lund, Alf
The Effect of Various Substances on the Excretion and the Toxicity of Thallium in the Rat
Acta Pharmacologica et Toxicologica 12: 260-268 (1956)

Le-1 Lewis, S. J.
The Assimilation of Aluminum by the Human System
Biochemical Journal 25: 2162 - 2167 (1931)

Leb-1 Leblond, C. P., G. W. Wilkinson, L. F. Belanger and J. Robichon
Radio-Autograph Visualization of Bone Formation in the Rat
American Journal of Anatomy 86: 289-327 (1950)

Leb-2 Greulich, Richard C. and C. P. Leblond
Radioautographic Visualization of Radio-Carbon in the Organs and Tissues of New born Rats Following Administration of C^{14}-Labeled Bicarbonate
Anatomical Record 115: 559-580 (1953)

Lew-1 Lohr, E. W. and S. K. Love
The Industrial Utility of Public Water Supplies in the United States, 1952
Part I. States East of the Mississippi River
Geological Survey Water Supply. Paper 1299

Lf-1 Lofgreen, G. P., Max Kleiber and A. H. Smith
Digestion and Absorption of Phosphorus-32 Labeled Casein by the Young Calf
Journal of Nutrition 43: 401-412 (1951)

Lg-1 LeGoff, J. M.
Elimination du Cobalt par le Rein Chez l'Homme
Comptes Rendus Hebdomadaires de la Société de Biologie 97: 21-22 (1927)

Lh-1 L'Heureux, Maurice V., Wilbur R. Tweedy and Elinor M. Zorn
Excretion of Calcium-45 by Normal Rats
Proceedings of the Society for Experimental Biology and Medicine 71: 729-32 (1949)

Lh-2 L'Heureux, Maurice V., Wilbur R. Tweedy and Elinor M. Zorn
Excretion of Labeled Calcium by Normal and Thyroparathyroidectomized Rats
Federation Proceedings 7: (no. 1) March, 1948.

Li-1 Lisco, Hermann and W. E. Kisieleski
Fate and Pathologic Effects of Plutonium Metal Implanted into Rabbits and Rats
American Journal of Pathology 29: 305-321 (1953)

Li-2 Lisco, Hermann, Austin M. Brues, Miriam P. Finkel and W. Grundhauser
Carcinoma of the Colon in Rats Following Feeding of Radioactive Yttrium (Abstract)
Cancer Research 7: 721 (1947)
or
Quarterly Report for February, 1947 through May, 1947 of the Biology Division
MDDC-1418 page 70.

Li-3 Lisco, Hermann and Miriam P. Finkel
Observations on Lung Pathology Following Inhalation of Radioactive Cerium
Federation Proceedings 8: 360-361 (1949)

Li-4 Lisco, Hermann and Miriam P. Finkel
Pathologic and Carcinogenic Effects of Plutonium (Summary)
Acta International Union Against Cancer 6: 817 (1949)

Lib-1 Libby, Willard F.
Radioactive Strontium Fallout
Proceedings of the National Academy of Sciences of the United States 42: 365-390 (1956)

Lib-2 Libby, W. F.
Radioactive Fallout and Radioactive Strontium
Science 123: 657-660 (1956)

Lib-3 Libby, Willard F.
Current Research Findings on Radioactive Fallout
Proceedings of the National Academy of Sciences of the United States
42: 945-962 (1956)

Lib-4 Libby, Willard F.
The Radioactive Fallout and Radioactive Strontium
Presented at Northwestern University, Evanston, Illinois. January 19, 1956

Lib-5 Libby, Willard F.
Radioactive Fallout
Presented before the Spring Meeting of the American Physical Society,
Washington, D. C. April 26, 1957

Lib-6 Libby, Willard F.
Radioactive Fall-Out
Bulletin of the Atomic Scientists 11: 256-260 (1955)

Lib-7 See ADDITIONS

Lit-1 Little, Alexander A., Marschelle H. Power and E. G. Wakefield
Absorption and Excretion of Iron
Annals of Internal Medicine 23: 627-633 (1945)

Lj-1 Lajmanovich, Simon and Pedro Horacio Magnin
Total Sulfhydryl Content in Normal and Vitiliginous Human Skin
The Journal of Investigative Dermatology 25: 79-81 (1955)

Ln-1 Langham, Wright H.
Metabolism of Plutonium in the Rat
AECD-1914 or LADC-472 (May 1, 1946)

Ln-2 Langham, Wright H., S. H. Bassett, P. S. Harris, and R. E. Carter
Distribution and Excretion of Plutonium Administered Intravenously
to Man
LA-1151 (1950)

Ln-3 Langham, Wright, R. E. Carter, Elizabeth Busch, Odgen Johnson, Verda Strong,
Theodore Trujillo, Marion Vier, Julia Wellnitz and Agnes Williams
Relative Physiological and Toxicological Properties of Americium and
Plutonium
LA-1309 (1951)

Ln-4 Langham, Wright H.
Metabolism of Plutonium ($_{94}Pu^{239}$) Administered Intravenously to the Rat
MDDC-719 or LADC-222 (no date. Declassified February 18, 1947)
or Journal of Biological Chemistry 171: 273-283 (1947)

Ln-5 Langham, Wright H.
Letter to Mary Jane Cook. February 23, 1956

Ln-6 Langham Wright H.
Metabolism of Plutonium in the Rat
LA-549 (May 1, 1946)

Ln-7 Minutes of the Laboratory and Medical Directors' Meeting of USAEC, Los Alamos, September 28-29, 1950
Langham, Wright H. and John Z. Bowers
Proposed Studies of Chronic Toxicology of Radium, Plutonium and Mesothorium Using Dogs
Grier, Robert S.
Studies on the Metabolism of TNT

Ln-8 Langham, Wright H.
The Determination of Internal Radiation Exposure from Urinary and Fecal Excretion
Presented at the Meeting of the Health Physics Society in 1955, Columbus, Ohio

Ln-9 Langham, Wright H. and John Storer
Toxicology of Actinium Equilibrium Mixture
AECD-3365 (1952)

Ln-10 Langham, Wright H.
Report on Harwell Conference on Human Monitoring in the Control of Occupational Health Hazards in Atomic Energy - September 8-9, 1954
WASH-490

Ln-11 Pinson, Ernest A. and Wright H. Langham
Physiology and Toxicology of Tritium in Man
Journal of Applied Physiology 10: 108-126 (1957)

Ln-12 Langham, Wright H.
Determination of Internally Deposited Radioactive Isotopes from Excretion Analyses
American Industrial Hygiene Association Quarterly 17: 305-318 (1956)

Ln-13 Woodward, K. T., C. R. Richmond and Wright H. Langham
Measurement of Retention and Excretion of Radioisotopes of the Alkali Metals by Mice and Rats Using an Annular Liquid Scintillation Counter
Presented at the Health Physics Society Meeting, 1957, Pittsburgh, Pennsylvania

Ln-14 Langham, Wright H., and Ernest C. Anderson
Strontium-90 and Skeletal Formation
Science 126: 205-206 (1957)

Ln-15 Langham, Wright H. and Ernest C. Anderson
Potential Hazard of World-Wide Sr^{90} Fallout from Weapons Testing
Presented at the Health Physics Society Meeting, 1957, Pittsburgh, Pennsylvania

Ln-16 Los Alamos Scientific Laboratory
H-Division Annual Report of Research Activities. December 1, 1947 to December 1, 1948.
Spano, Herta, Wayne Bills and Wright Langham

Distribution of Plutonium in the Skeleton of the Rat. pp. 108-116
Langham, Wright and Harriet L. Hardy
A Report of Plutonium Assay of Lung Tissue from Worker Subjected to One Year of Minimal to Moderate Exposure. pp. 137-139.
LAMS - 815R Official Use Only (1949)

Ln-17 Anderson, Ernest C., Robert L. Schuch, William R. Fisher and Wright Langham
Radioactivity of People and Foods
Science 125: 1273-1278 (1957)

Lo-1 Low-Beer, B.V.A.
Radio Phosphorus and Radio Sodium. pp. 454-460 in
Medical Physics, Volume II
Edited by Otto Glasser
The Year Book Publishers, Inc., Chicago, (1950)

Lo-2 Low-Beer, B.V.A., Robert S. Blais and Norman E. Scofield
Estimation of Dosage for Intravenously Administered P^{32}. Calculation Based on Two Compartment Distribution of the Isotope
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 67: 28-41 (1952)

Lon-1 Lontie, P.
Comment on the Distribution of Radiocalcium in the Skeleton Administered to Adult Rabbit
Rev. Belge Pathol. et Med. Exper. 23: 118-125 (1953)

Lou-1 Loutit, J. F. and Brian H. Kirman
Strontium-90 in Man
British Medical Journal No. 5024; pp. 943-944 (April 20, 1957)

Lov-1 Love, W. D., R. B. Romney and G. E. Burch
A Comparison of the Distribution of Potassium and Exchangeable Rubidium in the Organs of the Dog, Using Rubidium-106
Circulation Research 2: 112-122 (1954)

Lov-2 Love, William D. and George E. Burch
A Comparison of Potassium-42, Rubidium-86 and Cesium-134 as Tracers of Potassium in the Study of Cation Metabolism of Human Erythrocytes in Vitro
Journal of Laboratory and Clinical Medicine 41: 351-362 (1953)

Low-1 Lowry, J. R., R. R. Baldwin, and R. V. Harrington
Uptake of Radiozinc by Normal and Diabetic Rat Pancreas
Science 119: 219-220 (February 12, 1954)

Lp-1 Lapp, Ralph E. and Howard L. Andrews
Nuclear Radiation Physics
Prentice-Hall, Inc., New York (First Edition, 1948)
(Second Edition, 1954)

Lp-2 Lapp, Ralph E.
Strontium-90 in Man
Science 125: 933-934 (1957)

Lr-1 Weikel, Joanne and Egon Lorenz
Excretion of Radium from the Mouse
Radiology 51: 865-870 (1948)
or
MDDC - 1587

Lr-2 Lorenz, Egon
Radioactivity and Lung Cancer; A Critical Review of Lung Cancer in the Miners of Schneeberg and Joachimsthal
Journal of the National Cancer Institute 5: 1-15 (1944)

Lr-3 Hollcroft, J. W., Egon Lorenz, Marion Matthews and Charles C. Congdon
Long-Term Survival Following X-Irradiation and the Irradiation of the Alpha Particles from Radon and Its Decay Products
Journal of the National Cancer Institute 15: 1059-1069 (1955)

Lr-4 Hollcroft, Joanne W. and Egon Lorenz
Retention of Radon by the Mouse. Part I. Experimental Determination of Biodecay and Energy Absorbed.
Nucleonics 5, No. 3, 63-71 (1949)

Ls-1 Bellin, Judith and Daniel Laszlo
Metabolism and Removal of Calcium-45 in Man
Science 117: 331-334 (1953)

Ls-2 Lewin, Ruth, H. E. Hart, Joseph Greenberg, Herta Spencer, Kurt G. Stern and Daniel Laszlo
Biological Studies on Stable and Radioactive Rare Earth Compounds.
III. Distribution of Radioactive Yttrium in Normal and Ascites-Tumor-Bearing Mice and in Cancer Patients with Serous Effusions
Journal of the National Cancer Institute 15: 131-143 (1954)

Ls-3 Laszlo, Daniel, D. M. Ekstein, Ruth Lewin and Kurt G. Stern
Biological Studies on Stable and Radioactive Rare Earth Compounds.
I. On the Distribution of Lanthanum in Mammalian Organism
Journal of the National Cancer Institute 13: 559-573 (1952)

Ls-4 Hart, H. E., Joseph Greenberg, Ruth Lewin, Herta Spencer, K. G. Stern and Daniel Laszlo
Metabolism of Lanthanum and Yttrium Chelates
Journal of Laboratory and Clinical Medicine 46: 182-192 (1955)

Ls-5 Spencer, Herta, Milton Brothers, Eva Berger, H. E. Hart and Daniel Laszlo
Strontium-85 Metabolism in Man and Effect of Calcium and Strontium Excretion
Proceedings of the Society for Experimental Biology and Medicine 91: 155-157 (1956)

Ls-6 Blau, Monte, Herta Spencer, Joy Swernov and Daniel Laszlo
Utilization and Intestinal Excretion of Calcium in Man
Science 120: 1029-1031 (1954)

Ls-7 Laszlo, Daniel
Biological Studies on Calcium, Strontium, Lanthanum and Yttrium
International Conference on the Peaceful Uses of Atomic Energy held at Geneva, Switzerland, August, 1955 pp. 62-67 Paper Number P/212

Ls-8 Spencer, Herta, Daniel Laszlo and Milton Brothers
Sr^{85} and Ca^{45} Metabolism in Man
Journal of Clinical Investigation 36: 680-688 (1957)

Ls-9 Spencer, Herta, Eva Berger and Daniel Laszlo
Radiostrontium Metabolism in Man
Federation Proceedings 15: 175 (1956)

Ls-10 Blau, Monte, Herta Spencer, Joy Swernov, Joseph Greenberg and Daniel Laszlo
Effect of Intake Level on the Utilization and Intestinal Excretion of Calcium in Man
Journal of Nutrition 61: 507-521 (1957)

Ls-11 Charles, Martin L., Herta Spencer, Arthur Goldman, Samuel Korman and Daniel Laszlo
Metabolism and Enhancement of Radiostrontium Excretion in Man
Federation Proceedings 15: 407-408 (1956)

Lt-1 Litvinov, N. H.
The Morphologic Changes in Bone Tissue in Rats in Acute Radioactive Strontium Intoxication
Arkh. Patol. 18: (No. 4) 81-88 (1956)
C.A. 50: 14975 (1956)

Lu-1 Lutz, Robert E.
The Normal Occurrence of Zinc in Biologic Materials: A Review of the Literature and a Study of the Normal Distribution of Zinc in Rat, Cat and Man
Journal of Industrial Hygiene 8: 177-207 (1926)

Lv-1 Levaditi, C. and Y. Manin
Répartition du Tellure dans l'Organisme; Son Élimination par les Émonctoires
Comptes Rendus Hebdomadaires de la Société de Biologie 95: 652-655 (1926)

Lw-1 Lawrenz, Margaret, H. H. Mitchell and W. A. Ruth
The Comparative Toxicity of Fluorine in Calcium Fluoride and in Cryolite
Journal of Nutrition 18: 115-125 (1939)

Lw-2 Lawrenz, Margaret and H. H. Mitchell
The Effect of Dietary Calcium and Phosphorus on the Assimilation of Dietary Fluroine
Journal of Nutrition 22: 91-101 (1941)

Lw-3 Lawrenz, Margaret, H. H. Mitchell and W. A. Ruth
The Comparative Assimilation of Fluorine by Growing Rats during Continuous and Intermittant Dosage
Journal of Nutrition 20: 383-390 (1940)

Lw-4 Lawrenz, Margaret and H. H. Mitchell
The Relative Assimilation of Fluorine from Fluorine-Bearing Minerals and Food (Tea) and from Water and Food
Journal of Nutrition 22: 621-631 (1941)

Lx-1 Lux, Hermann
The Frequency of Rare Earths in Animal Bones
Zeitschrift für Anorg. und Allg. Chem. 240: 21 - 30 (1938)

Ly-1 Lynch, D. E.
NYOO-92 (September 28, 1949)

Ly-2 Lynch, G. Roche, R. H. Slater and T. G. Osler
Determination of Traces of Lead in Biological Materials with Special Reference to Bone
The Analyst 59: 787-803 (1934)

Lz-1 Lanz, H. C. and J. D. Teresi
Metabolism of Short-Lived Air-Borne Fission Products
MDDC-954 or CH-2844 (May, 1945)

Ma-1 ORNL Unpublished data compiled by M. J. Cook

Ma-2 Cook, Mary Jane, Karl Z. Morgan and Arthur G. Barkow
An Experiment Designed to Test the Validity of the Current Practice of Using Single Exposure Data to Calculate Maximum Permissible Concentration in Water for Continuous Exposure to Radiositopes
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 75: 1177 - 1187 (1956)

Maa-1 Maass, Alfred R., Frank C. Larson and Edgar S. Gordon
Distribution in Normal Tissues of Radioactive Sulfur Fed as Labeled Methionine
Journal of Biological Chemistry 177: 209-216 (1949)

Mac-1 Mancini, R. E. and E. Sacerdote de Lustig
The Fixation of S^{35} by Connective Tissue
Comptes Rendus des Seances de la Société de Biologie et de ses Filiales 148: 1649-1650 (1954)

Mac-2 Mancini, R. E. and E. Sacerdote de Lustig
Autoradiographic Investigation of the Fixation of Radioactive Sulfur-35 by Connective Tissue
Rev. Soc. Argentina Biol. 39: 67-76 (1954)
C. A. 49: 2586 (1955)

Mah-1 Marshak, Richard H., Robert A. Newburger and Joan Eliasoph
Skeletal Lesions Following Internally Administered Radium
Journal of the American Medical Association 160: 41-44 (1956)

Mai-1 Maillard, Louis C. and Jean Ettori
Titanium in the Organs of Man
Academie des Sciences Comptes Rendus 202: 1621-1622 (1936)

Mai-2 Maillard, Louis C. and Jean Ettori
Titanium in the Body of Mammals
Academie des Sciences Comptes Rendus 202: 1459-1461

Mai-3 Maillard, Louis C. and Jean Ettori
Titanium in Mammals but Especially in Man
Comptes Rendus Hebdomadaires de la Société de Biologie 122: 951-954 (1936)

Mai-4 Maillard, Louis C. and Jean Ettori
Determination of Titanium in the Organism by Extraction and Photometry
Academie des Sciences Comptes Rendus 202: 594-596 (1936)

Mai-5 Maillard, Louis C. and Jean Ettori
Titanium as a New Constituent of the Human Body
Bulletin de L'Académie de Médicine 115: 631 - 636 (1936)

Mak-1 Mariakulandai, A. and P. Venkataramaiah
Biochemical Study of Fluorine Intoxication
I. Etiology, Prophylasis and Cure
The Indian Journal of Veterinary Science and Animal Husbandry 25: (Part III) 165 - 181 (1955)
II. Metabolism of Fluorine
The Indian Journal of Veterinary Science and Animal Husbandry 25: (Part III) 183 - 199 (1955)

Man-1 Mantegazza, Ambrogio
Distribution of Arsenic in the Organism after Intravenous Injection of Arsenious Acid
Biochim. Terap. Sper. 16: 153-159 (1929)
C.A. 23: 4975 (1929)

Mar-1 Martell, E. A.
Absolute Assay of Strontium-90 in Biological Materials, Soils, Waters and Air Filters
AECU-3262 (1956)

Mar-2 Martell, E. A.
Strontium-90 Concentration Data for Biological Materials, Soils, Waters and Air Filters
AECD-3763 (December 1, 1955. Revised January, 1957)

Mas-1 Marshak, A.
Radioactive Phosphorus in Studies on the Metabolism of Normal and Neoplastic Tissues
Journal of Clinical Investigation 28: 1324-1329 (1949)

Mat-1 Matuura, Shinnosuke, Nobuhide Kokubu, Shosuke Watanabe and Yasushi Sameshima
Fluorine Content of Animals
Mem. Fac. Sci. Kyushu Univ. Ser. C. 2: 81 - 93 (1955)
C.A. 51: 582 (1957)

Mau-1 Maurer, W., A. Niklas and A. Engels
Permeability of the Rat Placenta for Thorium Ions with Varying Pregnancy Periods
Z. Ges. Exptl. Med. 115: 510-524 (1950) (in German)

Mau-2 Engels, A., W. Maurer and A. Niklas
Behavior of Thorium in Gravid and Non-Gravid Rats
Z. Ges. Exptl. Med. 115: 525-533 (1950) (in German)

Mau-3 Engels, Alfred, Werner Maurer and Annemarie Niklas
Thorium Resorption in the Reticuloendothelial System
Z. Ges. Exptl. Med. 115: 221-228 (1949)

May-1 Maynard, Laurence S. and George C. Cotzias
The Partition of Manganese Among Organs and Intracellular Organelles of the Rat
Journal of Biological Chemistry 214: 489-495 (1955)

May-2 Maynard, Laurence S. and Sidney Fink
The Influence of Chelation on Radiomanganese Excretion in Man and Mouse
Journal of Clinical Investigation 35: 831-836 (1956)

Mb-1 Moses, Campbell, Joseph B. Boatman, Robert S. George and Agatha M. DeLacio
Toxicity of Radioiodine and Radiophosphorus in Rats in Doses Comparable to Those Used Clinically
Proceedings of the Society for Experimental Biology and Medicine 79: 343-344 (1952)

Mc-1 Machle, Willard and E. J. Largent
Absorption and Excretion of Fluoride
II. Metabolism at High Levels of Intake
Journal of Industrial Hygiene and Toxicology 25: 112-123 (1943)

Mc-2 Largent, E. J., Willard Machle and Ivan F. Ferneau
Fluoride Ingestion and Bone Changes in Experimental Animals
Journal of Industrial Hygiene and Toxicology 25: 396-408 (1943)

McC-1 McCord, Carey P., William G. Frederick and Stanley Stolz
The Toxicity of Silicon
Journal of Laboratory and Clinical Medicine 23: 278-279 (1937)

McC-2 McCord, Carey P., S. F. Meek, G. C. Harrold and C. E. Heussner
The Physiologic Properties of Indium and Its Compounds I.
Journal of Industrial Hygiene and Toxicology 24: 243 (1942)

McC-3 Harrold, Gordon C., Stuart F. Meek, Newton Whitman and Carey P. McCord
The Physiologic Properties of Indium and Its Compounds II.
Journal of Industrial Hygiene and Toxicology 25: 233-237 (1943)

McE-1 McElroy, William D. and Bentley Glass, Editors
A Symposium on Copper Metabolism
The Johns Hopkins Press, Baltimore (1950)
C. L. Comar
The Use of Radioisotopes of Copper and Molybdenum in Nutritional Studies
pp. 191-215
George K. Davis
The Influence of Copper on the Metabolism of Phosphorus and Molybdenum
pp. 216-229
G. E. Cartwright
Copper Metabolism in Human Subjects pp. 274-314

McE-2 McElroy, William D. and Bentley Glass, Editors
A Symposium on Phosphorus Metabolism. Volumes I and II.
The Johns Hopkins Press, Baltimore (1952)
Wallace D. Armstrong
Phosphorus Metabolism in the Skeleton pp. 698-726

McE-3 McElroy, William D. and Bentley Glass
A Symposium on Inorganic Nitrogen Metabolism.
The Johns Hopkins Press, Baltimore, (1956)
Dick, A. T.
Molybdenum and Copper Relationships in Animal Nutrition. pp. 445-473

McI-1 McIsaac, Robert and Edward Bridge
Autoradiographic Localization of Injected Isotopic Zinc in the Islets of the Rat Pancreas
Journal of Pharmacology and Experimental Therapeutics 110: 38 (1954)
Abstract

McK-1 McCracken, E. C., H. E. Essex and Charles Sheard
Effect Produced in Dogs by Intravenous Injection of the Disintegration Products of Radon
Proceedings of the Staff Meetings of the Mayo Clinic 12: 157-159 (1937)

Mcm-1 Liu, C. H. and C. M. McCay
Studies of Calcium Metabolism in Dogs
Journal of Gerontology 8: 264-271 (1953)

McN-1 McNally, William D.
Silicon Dioxide Content of Lungs in Health and Disease
Journal of the American Medical Association 101: 584-587 (1933)

Md-1 MacDonald, Norman S., Ralph E. Nusbaum, Richard Stearns, Florita Ezmirlian, Clare McArthur and Patricia Spain
Skeletal Deposition of Non-Radioactive Strontium
Journal of Biological Chemistry 188: 137-143 (1951)

Md-2 Hodges, R. H., N. S. MacDonald, R. E. Nusbaum, R. Stearns, F. Ezmirlian, P. Spain and C. McArthur
Strontium Content of Human Bones
Journal of Biological Chemistry 185: 519-524 (1950)

Md-3 Alexander, George V., R. E. Nusbaum and N. S. MacDonald
Boron and Lithium Content of Human Bones
Journal of Biological Chemistry 192: 489-496 (1951)

Md-4 MacDonald, N. S., P. C. Spain, F. Ezmirlian and D. E. Rounds
Effects of Calcium and Phosphate in Foods on Radiostrontium Accumulation
UCLA-317 (1954)

Md-5 Hughes, Robert M., Norman S. MacDonald, Clare McArthur, Patricia Spain, Florita Ezmirlian and Ralph Nusbaum
Strontium Content of Human Bones
UCLA-47 (1949)

Md-6 Nusbaum, Ralph E., Norman S. MacDonald, G. V. Alexander, Florita Ezmirlian, and Patricia Spain
Boron and Lithium Content of Human Bones
UCLA-129 (1951)

Md-7 MacDonald, Norman S., Ralph E. Nusbaum, Florita Ezmirlian, Richard C. Barbera, George V. Alexander, Patricia Spain and Donald E. Rounds
Gastrointestinal Absorption of Ions. I. Agents Diminishing Absorption of Strontium
Journal of Pharmacology and Experimental Therapeutics 104: 348-353 (1952)

Md-8 MacDonald, Norman S., R. E. Nusbaum, R. Ezmirlian, R. C. Barbera, P. Spain and D. E. Rounds
Mechanisms in Skeletal Accumulation of Ions
UCLA-222 (1952) or Archives of Biochemistry 43: 118-126 (1953)

Md-9 MacDonald, Norman S., Florita Ezmirlian, Patricia Spain and Clare McArthur
Ultimate Site of Skeletal Deposition of Strontium and Lead
UCLA-96 (1950)

Md-10 Warren, Stafford L., Director
University of California, Los Angeles. Quarterly Progress Report for Period Ending September 30, 1953.
MacDonald, N. S., Florita Ezmirlian, Patricia Spain and Donald E. Rounds
The Mechanisms of Skeletal Deposition of Metallic Ions. pp. 31-32.
UCLA-267 (1953)

Md-11 Alexander, George V., Ralph E. Nusbaum and Norman S. MacDonald
Strontium and Calcium in Municipal Water Supplies
Journal of the American Water Works Association 46: 643-654 (1954)

Md-12 Alexander, George V., Ralph E. Nusbaum and Norman S. MacDonald
Relative Retention of Strontium and Calcium in Bone Tissue
UCLA-337 (1955)

Md-13 Alexander, George V., Ralph E. Nusbaum and Norman S. MacDonald
Strontium and Calcium in Municipal Water Supplies, Their Occurrence and Removal
UCLA-293 (1954)

Md-14 MacDonald, Norman S., P. Noyes and P. C. Lorick
Discrimination of Calcium and Strontium by the Kidney
American Journal of Physiology 188: 131-136 (1957) or UCLA-369

Md-15 MacDonald, Norman S., Patricia C. Spain, F. Ezmirlian, and D. E. Rounds
The Effects of Calcium and Phosphate in Foods on Radiostrontium Accumulation
Journal of Nutrition 57: 555-563 (1957)

Md-16 Alexander, George V., Ralph E. Nusbaum and Norman S. MacDonald
The Relative Retention of Strontium and Calcium in Bone Tissue
Journal of Biological Chemistry 218: 911-919 (1956)

Md-17 See ADDITIONS

Me-1 Meites, Joseph and L. F. Wolterink
Uptake of Radioactive Iodine by the Thyroids of Underfed Rats
Science 111: 175-176 (1950)

Mea-1 Mealey, John
Turn-over of Carrier -free Zirconium-89 in Man
Nature 179: 673-674 (March 30, 1957)

Mf-1 McClellan, Walter S. and Carl Comstock
Cutaneous Absorption of Radon from Naturally Carbonated Mineral Water and Plain Water Baths
Archives of Physical Medicine 30: 29-36 (1949)

Mh-1 McCarthy, Patricia T., Leopold R. Cerecedo and Ellis V. Brown
The Fate of Thiamine-S^{35} in the Rat
Journal of Biological Chemistry 209: 611-618 (1954)

Mi-1 Van Middlesworth, Lester
Study of Plutonium Metabolism in the Bone
MDDC-1022 (No date. Issued June 6, 1947)
or
BP-69

Mi-2 Van Middlesworth, Lester
Radioactivity in Animal Thyroids from Various Areas
Nucleonics 12: No. 9; 56-57 (September, 1954)

Mi-3 Van Middlesworth, Lester
Radioactivity in Thyroid Glands Following Nuclear Weapons Tests
Science 123: 982 - 983 (1956)

Mid-1 Minder, W. and T. Gordonoff
A Metabolic Experiment with Radioactive Calcium
Experientia 8: 71-72 (1952)

Mil-1 Miller, Russell F. and Paul H. Phillips
Effect of Age on the Level and Metabolism of Fluorine in the Bones of the Fluoridated Rat
Journal of Nutrition 59: 425-433 (1956)

Min-1 Minot, A. S.
Lead Studies. A. The Distribution of Lead in the Organism after Absorption by the Gastrointestinal Tract
Journal of Industrial Hygiene 6: 125-136 (1924)

Min-2 Minot, A. S.
Lead Studies. B. The Distribution of Lead after Absorption by the Lungs and Subcutaneous Tissue
Journal of Industrial Hygiene 6: 137-148 (1924)

Min-3 Minot, A. S.
Lead Studies. C. Distribution of Lead in Human Organism
Journal of Industrial Hygiene 6: 149-158 (1924)

Min-4 Minot, A. S.
The Physiological Effects of Small Amounts of Lead: An Evaluation of the Lead Hazard of the Average Individual
Physiological Reviews 18: 554-577 (1938)

Mj-1 McCrae, J.
Manganese in Hair
Journal of the South African Chemical Institute 6: 18-19 (1923)

Mk-1 Morken, Donald A.
Acute Toxicity of Radon
A.M.A. Archives of Industrial Health 12: 435-438 (1955)

Mk-2 Morken, Donald A.
A Survey of the Literature on the Biological Effects of Radon and a Determination of Its Acute Toxicity
UR-379 (1955)

Mkp-1 McConnell, Kenneth P.
Passage of Selenium through the Mammary Glands of the White Rat and the Distribution of Selenium in the Milk Proteins after Subcutaneous Injection of Sodium Selenate
Journal of Biological Chemistry 173: 653-657 (1948)

Mkp-2 McConnell, Kenneth P.
Respiratory Excretion of Selenium Studied with the Radioactive Isotope
Journal of Biological Chemistry 145: 55-60 (1942)

Ml-1 Mitchell, Avard M. and Seymour J. Gray
Colorimetric Determination of Trace Amounts of Chromium in Tissue
AECU-779 (no date given)

Ml-2 Mitchell, Walter G.
Influence of pH on Toxicity of Vanadium in Mice
Proceedings of the Society for Experimental Biology and Medicine 84: 404-405 (1953)

Ml-3 Shields, J. B., H. H. Mitchell and W. A. Ruth
Relative Retention by Growing Rats of Lead Ingested in Water and Food and the Soluble and Insoluble Forms
Journal of Industrial Hygiene and Toxicology 22: 199-205 (1940)

Mn-1 Marinelli, L. D.
Personal Communication. Letter to Dr. Karl Z. Morgan. April 19, 1950.

Mn-2 Singher, H. O. and L. D. Marinelli
Distribution of Radioactive Sulfur in the Rat
Science 101: 414-415 (1945)

Mn-3 Marinelli, L. D., W. P. Norris, P. F. Gustafson and T. W. Speckman
Transport of Radium Sulfate from the Lung and Its Elimination from the Human Body Following Single Accidental Exposures
Radiology 61: 903-913 (1953)

Mn-4 Gustafson, P. F. and L. D. Marinelli
A Spectrometric Method for the Study of Radon Partition in Radium Burdened Animals
Radiology 65: 90-95 (1955)

Mn-5 Marinelli, L. D.
Dosage Determination in the Use of Radioactive Isotopes
Journal of Clinical Investigation 28: 1271-1280 (1949)

Mn-6 Marinelli, L. D. and J. M. Kenney
The Absorption of Radiophosphorus in Irradiated and Non-Irradiated Mice
Radiology 37: 691-697 (1941)

Mn-7 Miller, C. E. and L. D. Marinelli
Gamma-ray Activity of Contemporary Man
Science 124: 122-123 (1946)

Mn-8 Miller, C. E. and L. D. Marinelli
Cs^{137} Fallout: A Summary of Observations in Humans
Presented at the Radiation Research Society, Rochester, May 13-15, 1957.
Page 44 of Abstracts.

Mn-9 Gustafson, P. F., L. D. Marinelli and E. A. Hathaway
A Case of Accidental Puncture Contaminated with Th^{227}
Radiology 68: 358-366 (1957)

Mn-10 Miller, C. E., L. D. Marinelli and O. J. Steingraber
Analysis of the Cs^{137} Content in Man Due to Radioactive Fallout (Abstract)
Radiology 68: 105 (1957)

Mn-11 Reynolds, John C., Philip F. Gustafson and Leonidas D. Marinelli
Retention and Elimination of Radium Isotopes Produced by the Decay of Thorium Parents within the Body. Calculations and Comparison with Experimental Findings
ANL-5689 (November, 1957)

Mo-1 Morris, H. J. and E. W. Wallace
Storage of Arsenic in Rats Fed a Diet Containing Calcium Arsenate and Arsenic Trioxide
Journal of Pharmacology and Experimental Therapeutics 64: 411-419 (1938)

Mon-1 Montagna, William and C. Ruth Hill
The Localization of S^{35} in the Skin of the Rat
The Anatomical Record 127: 163-172 (1957)

Moo-1 Moore, J. H. and C. Tyler
Studies on the Intestinal Absorption and Excretion of Calcium and Phosphorus in the Pig
II. The Intestinal Absorption and Excretion of Radioactive Calcium and Phosphorus
British Journal of Nutrition 9: 81-93 (1955)

Moo-2 Moore, J. H. and C. Tyler
Studies on the Intestinal Absorption and Excretion of Calcium and Phosphorus in the Pig
III. The Effect of Beryllium Carbonate on the Absorption of Phosphorus
British Journal of Nutrition 9: 389-397 (1955)

Mor-1 Moruzzi, Giovanni and Pietro Guareschi
Bromine Content of the Hypophysis
Boll. Soc. Ital. Biol. Sper. 11: 28-29 (1936)
C.A. 30: 7649 (1936)

Mos-1 Moskalev, Yu. I. and V. I. Strel'tsova
Effects of Chronic Induction of Radioactive Cerium into the Gastrointestinal Tract of Rats
Med. Radiol. 1, No. 6, 14-20 (1956) (in Russian) N.S.A. 11: 3283 (1957)

Mos-2 Strel'tsova, V. I. and Yu. I. Moskalev
Remote Effects of Single Doses and Chronic Uptake of Radioactive Isotopes (Ce^{144}, Ru^{106}, Sr^{89}, and Sr^{90}) by the Gastrointestinal Tract.
Med. Radio. No. 3, 23-34 (May-June, 1957) (in Russian)
Nuclear Science Abstracts 11: 9930 (1957)

Mos-3 Ilin, D. I. and Yu. I. Moskalev
On the Metabolism of Caesium, Strontium and a Mixture of β-Emitters in Cows
Atomnaya Energiya 2: No. 2, 163 (1957) (in Russian)
Translated in Journal of Nuclear Energy 5: 413-420 (1957)

Mow-1 Monier-Williams, G. W.
Trace Elements in Food
John Wiley and Sons, Inc., New York City, New York (1949)

Mp-1 Mascherpa, Pietro
Die Ausscheidung des Nickels und des Kobalts
Archiv für Experimentelle Pathologie und Pharmakologie 124: 356-369 (1927)

Mr-1 Aub, J. C., R. D. Evans, L. H. Hempelmann and H. S. Martland
Late Effects of Internally-Deposited Radioactive Materials in Man
Medicine 31: 221-329 (1952)

Mr-2 Martland, H. S. and R. E. Humphries
Osteogenic Sarcoma in Dial Painters using Luminous Paint
Archives of Pathology 7: 406-417 (1929)

Mr-3 Martland, H. S., Philip Conlon and J. P. Knef
Unrecognized Dangers in Use and Handling of Radioactive Substances: With Especial Reference to Storage of Insoluble Products of Radium and Mesothorium in Reticulo-Endothelial System
Journal of the American Medical Association 85: 1769-1776 (1925)
Abstracted in Proceedings of the New York Pathological Society, N.S., 25: Numbers 6-8; 88-92 (1925)

Mr-4 Martland, H. S.
Histopathology of Certain Anemias Due to Radioactivity
Proceedings of the New York Pathological Society, N.S. 26: Nos 1-5; 65-72 (1926)

Mr-5 Martland, Harrison S.
Occurrence of Malignancy in Radioactive Persons
American Journal of Cancer 15: 2435-2516 (1931)

Mr-6 Martland, Harrison S.
Occupational Poisoning in Manufacture of Luminous Watch Dials
Journal of the American Medical Association 92: 466-473 (1929)
92: 474-559 (1929)

Mr-7 Reitter, George S. and Harrison S. Martland
Leucopenic Anemia of the Regenerative Type due to Exposure to Radium and Mesothorium
American Journal of Roentgenology 26: 161-166 (1926)

Mr-8 Martland, Harrison S.
Microscopic Changes of Certain Anemias due to Radioactivity
Archives of Pathology and Laboratory Medicine 2: 465-472 (1926)

Mr-9 Martland, Harrison S.
Occupational Tumours - Bones
International Labor Office. Occupation and Health: pp. 1-23 (October, 1939)

Ms-1 Moscariello, Alfredo
Note Sperimentali sul Polonio Introdotto Nel Organismo Umano
La Radiologia Medica 14: 317-325 (1927)

Mt-1 Mattis, Paul A.
Toxicological Studies of Certain Thorium Salts
NYO-1607 (1950)

Mt-2 Salerno, Paul R. and Paul A. Mattis
Absorption and Distribution of Thorium Nitrate
Journal of Pharmacology and Experimental Therapeutics 101: 31-32 (1951)
(Abstract)

Mu-1 McClure, F. J.
A Review of Fluorine and Its Physiological Effects
Physiological Reviews 13: 277-300 (1933)

Mu-2 Zipkin, I. and F. J. McClure
Deposition of Fluorine in the Bones and Teeth of the Growing Rat
Journal of Nutrition 47: 611-620 (1952)

Mu-3 McClure, F. J.
Fluorine in Foods. Survey of Recent Data
Public Health Reports 64: 1061-1074 (1949)
or
Reprint Number 2955

Mu-4 McClure, F. J.
Mineral Metabolism
Annual Review of Biochemistry 18: 335-354 (1949)

Mu-5 McClure, F. J., H. H. Mitchell, T. S. Hamilton and C. A. Kinser
Balances of Fluorine Ingested from Various Sources of Food and Water by Five Young Men
Journal of Industrial Hygiene and Toxicology 27: 159-170 (1945)

Muh-1 Muhler, Joseph C. and Donovan A. Weddle
Fluorine Storage in Rats Receiving Different Fluorides in the Drinking Water at Varying pH
Journal of Dental Research 34: 895-899 (1955)

Muh-2 Weddle, Donovan A. and Joseph C. Muhler
Metabolism of Small Concentrations of Fluroine in the Albino Rat
Journal of Dental Research 34: 900-909 (1955)

Mut-1 Muth, Hermann and Alfred Schraub
A New Case of Industrial Radium Poisoning with Fatal Result
Strahlentherapie 102: 575-581 (1957) (in German)
Nuclear Science Abstracts 11: 8814 (1957)

Mw-1 Mawson, C. A. and M. I. Fischer
Zinc Content of the Genital Organs of the Rat
Nature 167: 859-860 (1951)

Mw-2 Mawson, C. A. and M. I. Fischer
Estimation of Radioactive Strontium and Other Fission Products in Urine and Water
CRM-455 (no date)

Mw-3 Mawson, C. A. and M. I. Fischer
The Occurrence of Zinc in the Human Prostate Gland
Canadian Journal Medical Society 30: 336-339 (1952)

Mw-4 Mawson, C. A. and M. I. Fischer
Carbonic Anhydrase and Zinc in the Prostate Glands of the Rat and Rabbit
Archives of Biochemistry and Biophysics 36: 485-486 (1952)

Mw-5 Mawson, C. A.
Personal Communication to Dr. Karl Z. Morgan. October 1, 1952

Mw-6 Mawson, C. A. and Mary I. Fischer
Occurrence of Zinc and Carbonic Anhydrase in the Intestine and Prostate of the Rat and Other Animals
Congress Intern. Biochim., Résumés Communs. Second Congress, Paris. pp. 145-146 (1952)
C. A. 49: 8448 (1955)

Mx-1 Moxon, A. L. and M. Rhian
Selenium Poisoning
Physiological Reviews 23: 305-337 (1943)

Mx-2 Anderson, H. D. and A. L. Moxon
The Excretion of Selenium by Rats on a Seleniferous Wheat Ration
Journal of Nutrition 22: 103-108 (1941)

Mx-3 Franke, Kurt W. and A. L. Moxon
The Toxicity of Orally Ingested Arsenic, Selenium, Tellurium, Vanadium and Molybdenum
Journal of Pharmacology and Experimental Therapeutics 61: 89-102 (1937)

Mx-4 Rhian, Morris and Alvin L. Moxon
Chronic Selenium Poisoning in Dogs and Its Prevention by Arsenic
Journal of Pharmacology and Experimental Therapeutics 78: 249-264 (1943)

Mx-5 Moxon, A. L., K. P. DuBois and R. L. Potter
Toxicity of Optically Inactive, d- and l-Selenium Cystine
Journal of Pharmacology and Experimental Therapeutics 72: 184-195 (1941)

My-1 Myers, V. C. and D. B. Morrison
The Influence of the Administration of Aluminium upon the Aluminum Content of the Tissues of the Dog
Journal of Biological Chemistry 78: 615-625 (1928)

My-2 Myers, V. C. and J. W. Mull
Aluminium Content of Human Autopsy Tissue
Journal of Biological Chemistry 78: 625-626 (1928)

My-3 Myers, Victor and James W. Mull
Influence of the Administration of Aluminum upon the Aluminum Content of the Tissue and Upon the Growth and Reproduction of Rats
Journal of Biological Chemistry 78: 605-613 (1928)

My-4 Myers, Victor C. and Dempsie B. Morrison
The Influence of the Administration of Aluminum upon the Aluminum Content of the Tissues of the Dog
Journal of Biological Chemistry 78: 615-624 (1928)

Mye-1 Myers, Howard M.
Location of Radiocalcium in the Mandibular Incisor and Adjacent Structures of the Rat
Journal of Dental Research 34: 217-224 (1955)

Mye-2 Myers, Howard M.
Comparative Turnover Rate of P^{32} in Normal and Deficient Rats' Teeth and Bones During Recovery from Phosphorus Deficiency
Journal of Dental Research 34: 225-229 (1955)

Mz-1 MacKenzie, Kenneth
Biochemistry of Aluminum
I. Effect of Aluminum on Growth and Reproduction in Rat; Occurrence of Aluminum in Thyroid; Intestinal Absorption of Aluminum
Biochemical Journal 26: 833-845 (1932)

Mz-2 MacKenzie, Kenneth
Biochemistry of Aluminum
II. Excretion and Absorption of Aluminum in the Rat
Biochemical Journal 25: 287-291 (1931)

Mz-3 MacKenzie, Kenneth
Biochemistry of Aluminum
I. Excretion and Absorption of Aluminum in the Pig
Biochemical Journal 24: 1433-1441 (1930)

Na-1 Nardi, G.L.
Localization of Carbon-14 in the Tissues of Mice after Administration of Carbon-14 Labeled Glycine
Science 111: 362-363 (1950)

Na-2 Nardi, George L.
The Distribution and Excretion of Carbon-14 in the Tissues of Mice After Administration of Carbon-14 Methyl Labeled Glycine
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 70: 613-616 (1953)

Na-3 Nardi, George L.
Distribution and Dosage of Radiocarbon in the Tissues
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 67: 989-990 (1952)

Ne-1 Neilands, J.B., F.M. Strong and C.A. Elvehjem
Molybdenum in Nutrition of the Rat
Journal of Biological Chemistry 172: 431-439 (1948)

Nh-1 Norhagen, Åke and Erik Odeblad
Uptake of Radiosulfate in the Islets of Langerhans of Mice
Archives of Biochemistry and Biophysics 54: 562-563 (1954)

Ni-1 Russell, E.R. and J.J. Nickson
Distribution and Excretion of Plutonium in Two Human Subjects
CH-3607 (August 29, 1946)

Ni-2 Nickson, J.J., R. Ferretti and S.T. Cantril
ANL-4190 (May 1, 1948)

Ni-3 Nickson, J.J., Editor
Symposium on Radiobiology. The Basic Aspects of Radiation Effects on Living Systems
John Wiley and Sons, Inc., New York City, New York (1952)

Nl-1 Nielson, A. Levin
On Serum Copper: III. Normal Values
Acta Medica Scandinavica 108: 87-91 (1944)

Nm-1 Naimark, David H.
Effective Half Life of Polonium in the Human
MLM 272

No-1 Norris, William P. and W.E. Kisieleski
Comparative Metabolism of Radium, Strontium and Calcium
Cold Spring Harbor Symposia on Quantitative Biology 13: 164-172 (1948)

No-2 Norris, W. P. and B. J. Lawrence
Studies with Calcium-45
Meeting of the BioMedical Program Directors of the U.S.A.E.C. May 28-29, 1951.
Argonne National Laboratory. Official Use Only.

No-3 Norris, W. P. and H. B. Evans
Studies of the Metabolism and Toxic Action of Injected Radium
CH-3852 (June, 1946)
or
AECD-1965

No-4 Norris, William P. and Blanche J. Lawrence
Determination of Calcium in Biological Materials. A Combined Method for Semimicrodetermination of Calcium-40 and Calcium-45
Analytical Chemistry 25: 956-960 (1953)

No-5 Kisieleski, Walter E., W. G. Faraghan and W. P. Norris
Retention and Distribution of U^{233} in Mice
AECD-3057 (November, 1950)

No-6 Norris, William P.
Metabolism of Bone-Seeking Elements
Conference on Biological Applications of Nuclear Physics. Brookhaven National Laboratory.
BNL-C-4 pp. 78-79 (1948)

No-7 Norris, William P., T. W. Speckman and P. F. Gustafson
Studies of the Metabolism of Radium in Man
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 73: 785-802 (May, 1955)

No-8 Kisieleski, Walter E., William G. Faraghan, William P. Norris and James S. Arnold
The Metabolism of U^{233} in Mice
Journal of Pharmacology and Experimental Therapeutics 104: 459-467 (1952)

Nt-1 Noonan, T. R., W. O. Fenn and Lorraine Haege
Distribution of Injected Radioactive Potassium in Rats
American Journal of Physiology 132: 474-488 (1941)

Nu-1 Neuman, W. F.
Deposition of Uranium in Bone
AECD-2019 (1948)

Nu-2 Neuman, W. F., M. W. Neuman, E. R. Main and B. J. Mulryan
Deposition of Uranium in Bone
AECD-1915 (1948)

Nu-3 Neuman, W. F.
Distribution and Excretion of Uranium Following Intravenous Injection
Federation Proceedings 6: 360 (1947)

Nu-4 Neuman, W. F.
The Use of Isotopes in the Study of Skeletal Physiology and Metabolism
International Conference on Peaceful Uses of Atomic Energy, Geneva, Switzerland, August, 1955, Vol. 11: 134-137. Paper Number P/847

Nu-5 Neuman, W. F., J. B. Hursh, E. S. Boyd and H. C. Hodge
On the Mechanism of Skeletal Fixation of Radium
UR-365 (1954)

Nu-6 Neuman, M. W. and W. F. Neuman
Deposition of Uranium in Bone. II. Radioautographic Studies
Journal of Biological Chemistry 175: 711-716 (1948)

Nu-7 Scott, J. K., W. F. Neuman and R. Allen
The Effect of Added Carrier on the Distribution and Excretion of Soluble Beryllium-7
Journal of Biological Chemistry 182: 291-298 (1950)

Nu-8 Neuman, W. F., R. W. Fleming, A. L. Dounce, A. B. Carlson, J. O'Leary and B. Mulryan
Distribution and Excretion of Injected Uranium
Journal of Biological Chemistry 173: 737-748 (1948)

Nu-9 Chen, P. S., Jr. and W. F. Neuman
Renal Excretion of Calcium by the Dog
American Journal of Physiology 180: 623-631 (1955)

Nu-10 Neuman, W. F.
Urinary Uranium as a Measure of Exposure Hazard
Industrial Medicine and Surgery 19: 185-191 (1950)

Nw-1 Newcombe, H. B.
Magnitude of Biological Hazard from Strontium-90
Science 126: 549-551 (1957)

Ny-1 Nygaard, Oddvar, Lorentz Eldjarn and Karl Ford Nakken
Studies on the Metabolism of Thioacetamide-S^{35} in the Intact Rat
Cancer Research 14: 625-628 (1954)

Nz-1 Nuñez, Constantino and Robert E. Mancini
The Incorporation of S^{35} in the Form of Sodium Sulfate in Various Animal Tissues
Presented at the International Conference on the Peaceful Uses of Atomic Energy, Geneva, Switzerland, August, 1955. Volume 12: 447-460
Paper Number P/1031

Nz-2 Nuñez, Constantino and Robert E. Mancini
Comparative Study of the Incorporation of S^{35} by Tissues of Adult Rats, Both as Sodium Sulfate and as DL-Methionine
Presented at the International Conference on the Peaceful Uses of Atomic Energy, Geneva, Switzerland, August, 1955. Volume 12: 461-465
Paper Number P/1032

Od-1 Oddie, T. H.
Analysis of Radioiodine Uptake and Excretion Curves
British Journal of Radiology 22: 261-267 (1949)

Od-2 Oddie, T. H. and R. K. Scott
Results of Uptake and Excretion Tests with Radio-iodine
British Journal of Radiology 23: 348-354 (1950)

Od-3 Oddie, T. H., I. Meschan and J. T. Worthan
Thyroid Function Assay with Radioiodine. I. Physical Basis of Early Phase of Iodine Metabolism and Iodine Uptake
Journal of Clinical Investigation 34: 95-105 (1955)

Od-4 Oddie, T. H., I. Meschan and J. T. Worthan
Routine Calculation of Thyroidal and Renal Rate Factors
Journal of Clinical Investigation 34: 106-114 (1955)

Od-5 Oddie, T. H., I. Meschan and J. T. Worthan
Thyroid Function Assay with Iodine-131
Journal of Clinical Investigation 34: 1044-1055 (1955)

Oe-1 Overkamp, H.
Removal of Intravenously Injected Iron from the Circulation
Z. Ges. Exptl. Med. 120: 86-95 (1952) in German
C.A. 47: 7073g (1953)

Oh-1 Ohtsu, Takawo
The Determination of Potassium and Sodium Content in Various Normal Human Organs
Japanese Journal of Medical Science and Biology 9: 117-120 (1956)

Ok-1 Okumo, H., N. Ikariyama and Y. Uzumasa
"Chemical Investigations of Hot Springs in Japan."
Journal of the Chemical Society of Japan 59: 853-859 (1938)
C. A. 32: 7171 (1938)

Ol-1 Odell, T. T., Jr., F. G. Tausche and W. D. Gude
Uptake of Radioactive Sulfate by Elements of the Blood and the Bone Marrow of Rats
American Journal of Physiology 180: 491-494 (1955)

Om-1 Odum, Howard T.
The Biogeochemistry of Strontium
Dissertation presented in partial fulfillment of the requirements for the Doctor of Philosophy degree, Yale University.
September 1, 1950

Om-2 Odum, Howard T.
The Stability of the World Strontium Cycle
Science 114: 407-411 (1951)

Om-3 Odum, Howard T.
Strontium in Florida Waters
Water Survey and Research Paper, Number 6
Chemical Character of Florida's Waters, 1951. State of Florida. State Board of Conservation, Division of Water Survey and Research.
November 30, 1951.

Op-1 Opdyke, D. F. and I. Clark
Plasma Half Life of Sodium-22 in Dogs
Proceedings of the Society for Experimental Biology and Medicine 88: 207-209 (1955)

Or-1 Orr, C. R., G. D. Popoff, R. S. Rosedale and B. R. Stephenson
Study of Effect of Thorium Dioxide Sol Injected in Rabbits
Radiology 30: 370-381 (1938)

Ot-1 von Oettingen
The Absorption, Distribution and Excretion of Bismuth
Physiological Reviews 10: 221-281 (1930)

Ov-1 Overman, W. J., W. H. Gordon and G. E. Burch
Tracer Studies of the Urinary Excretion of Radioactive Mercury Following Oral Administration of a Mercurial Diuretic
Circulation 1: 496-501 (1950)

Pa-1 Painter, E., E. Russel, C. L. Prosser and M. N. Swift
Clinical Physiology of Dogs Injected with Plutonium
CH-3858 (1946)

Pa-2 Painter, E. P.
The Chemistry and Toxicity of Selenium Compounds
Chemical Reviews 28: 179-213 (1941)

Pa-3 Painter, E., E. Russell, C. L. Prosser, M. N. Swift, W. Kisieleski and G. Sacher
Clinical Physiology of Dogs Injected with Plutonium
AECD-2042 (1946)

Pag-1 Paget, Langeron and Devriendt
Distribution and Elimination of Bismuth in the Body
Journal de Pharmacie et de Chimie 15: 600-608 (1932)

Pah-1 Mraz, Frank R. and Homer Patrick
Organic Factors Controlling the Excretory Pattern of Potassium-42 and Cesium-134 in Rats
Journal of Nutrition 61: 535-546 (1957)

Pah-2 Mraz, F. R. and Homer Patrick
Factors Controlling Excretory Pattern of Potassium (K-42) and Cesium (Cs-134) in Rats
Federation Proceedings 15: p. 565 or Abstract 1841 (1956)

Pah-3 Pinajian, J. J., J. A. Bacon, F. R. Mraz and Homer Patrick
Relation of Fluorine to Metabolism of Sulfur-35 and Related Factors
Federation Proceedings 15: pp. 569-570 or Abstract 1857 (1956)

Pah-4 Mraz, Frank R. and Homer Patrick
Factors Influencing Excretory Patterns of Cesium-134, Potassium-42 and Rubidium-86 in Rats
Proceedings of the Society for Experimental Biology and Medicine 94: 409-412 (1957)

Pal-1 Palmer, R. F. and F. B. Queen
Normal Abundance of Radium in Cadavers from the Pacific Northwest
HW-31242 (July 6, 1956)

Pal-2 Palmer, R. F., F. B. Queen and H. A. Kornberg
Normal Abundance of Radium in Cadavers from the Pacific Northwest
Abstracts of Papers, American Chemical Society, 125th Meeting. March 24 - April 1, 1954. Kansas City, Missouri. Paper Number 48. p. 20C.

Pao-1 Castagnou, Robert, Claude Paoletti and Suzanne Larcebeau
Absorption and Distribution of Barium Administered Intravenously and Orally in the Rat
Comptes Rendus des Séances de L'Academie des Sciences 244: 2994 - 2996 (1957)

Pat-1 Paterson, J. C.
Studies on the Toxicity of Inhaled Cadmium
Journal of Industrial Hygiene and Toxicology 29: 294-301 (1947)

Pc-1 Swift, M. N. and C. L. Prosser
Excretion, Retention, Distribution and Clinical Effects of Sr^{89} in the Dog. Part I. Report on Experimental Work
CH-3843 (1947) or MDDC-1388

Pd-1 Prodan, L.
Cadmium Poisoning. I. History of Cadmium Poisoning and Use of Cadmium
Journal of Industrial Hygiene and Toxicology 14: 132-155 (1932)

Pd-2 Prodan, L.
Cadmium Poisoning. II. Experimental Cadmium Poisoning
Journal of Industrial Hygiene and Toxicology 14: 174-196 (1932)

Pe-1 Pecher, Charles
Biological Investigations with Radioactive Calcium and Strontium
Journal of Applied Physics 12: 318-319 (1941)

Pe-2 Pecher, Charles
Biological Investigations with Radioactive Calcium and Strontium
Proceedings of the Society for Experimental Biology and Medicine 46: 86-91 (1941)

Ph-1 Katz, Joseph, Harry A. Kornberg and Herbert M. Parker
Absorption of Plutonium Fed Chronically to Rats. I. Fraction Deposited in Skeleton and Soft Tissues Following Oral Administration of Solutions of Very Low Mass Concentration
HW-28991 (1953)

Ph-2 Parker, Herbert M.
Letter from H. M. Parker to Mary Jane Cook. April 8, 1954.

Ph-3 Parker, Herbert M., Director HW-30488 (1954)
Weeks, M. H., W. D. Oakley, R. F. Palmer and R. C. Thompson
Plutonium Absorption and Metabolism. pp. 9-10
Thompson, R. C., J. E. Ballou and O. L. Hollis
Tritium Absorption and Metabolism. pp. 10-11
George, L. A., S. Marks, P. L. Hackett, N. L. Dockum, C. M. Barnes and L. K. Bustad
Toxicity of I^{131}-Low-Level Chronic Effects. pp. 13-14

Ph-4 Parker, H. M.
Memo from H. M. Parker to K. Z. Morgan. December 2, 1955.

Ph-5 Parker, Herbert M., Director HW-25021
Biology Research Annual Report, 1951. Hanford Atomic Products Operation.
DeLong, C. W.
Percutaneous Absorption of Tritium and Tritium Oxide. pp. 53-61
Thompson, R. C. and J. E. Ballou
Retention and Distribution of Tritium in the Mouse and Rat. pp. 62-72
Smith, G. N., R. J. Emerson, L. A. Temple and T. W. Galbraith
The Oxidation of Tritium by the Rat. pp. 73-82.
Katz, Joseph
Low-Level Chronic Plutonium Absorption and Deposition in the Rat. pp. 95-99

Bustad, K. L., K. E. Herde, D. E. Warner and H. A. Kornberg
Toxicity of I^{131} in Sheep. I. General (Preliminary Report). pp. 139-159
Marks, S., N. L. Dockum and L. K. Bustad
Toxicity of I^{131} in Sheep. III. Histopathology of the Thyroid. pp. 170-185
Hackett, P. L., T. Galbraith, C. Bennett and L. K. Bustad
Toxicity of I^{131} in Sheep. IV. Changes in Blood Constituents.
Palmer, R. F. and W. H. Braymen
Analysis for Radium in Humans. pp. 204-210

Ph-6 Parker, Herbert M., Director HW-28636
Biology Research Annual Report, 1952. Hanford Atomic Products Operation.
Smith, G. N., L. A. Temple, R. J. Emerson and T. W. Galbraith
The Metabolism of Tritium Gas in the Rat. pp. 43-51
DeLong, C. W., R. C. Thompson and H. A. Kornberg
Percutaneous Absorption of Tritium and Tritium Oxide. pp. 52-58.
Thompson, R. C. and J. E. Ballou
Long-Term Retention of Tritium in the Rat and Sheep. pp. 59-67.
Thompson, R. C. and J. E. Ballou
Comparative Metabolism of Deuterium and Tritium in the Rat. pp. 67-71.
pp. 67-71.
Katz, Joseph and H. A. Kornberg
Absorption and Deposition in the Skeleton and Soft Tissues of the Rat of Plutonium Fed Chronically as Solutions of Very Low Mass Concentration.
pp. 78-84.
Bustad, L. K., D. E. Warner and H. A. Kornberg
Toxicity of I^{131} in Sheep. V. General (low-level Chronic Effects) pp. 136-147
Barnes, C. M., D. E. Warner, S. Marks and L. K. Bustad
Toxicity of I^{131} in Sheep. VII. Age of Initial Fetal Thyroid Function.
pp. 155-62.
Palmer, R. F. and W. H. Braymen
Analysis for Radium in Humans. p. 186.

Pi-1 Pinson, Ernest A., Ernest C. Anderson and Virginia Lotz
The Specific Activity of Tritium in the Organic Components of the Skin and Fat of Man Following Eight Months' Chronic Exposure to HTO in Body Fluids
LA-1468 (1952)

Pi-2 Pinson, Ernest A.
Incorporation of Tritium into the Organic Components of Various Tissues of the Mouse
LA-1467 (1951)

Pi-3 Pinson, Ernest A. and Ernest C. Anderson
The Body Absorption, Distribution and Excretion of Tritium in Man and Animals
LA-1218 (1951)

Pi-4 Pinson, Ernest A.
Absorption of Liquid HTO and HTO Vapor through the Skin of Man
LA-1466 (1952)

Pi-5 Pinson, Ernest A.
Theoretical Considerations of Acute Exposure of Man to HTO or T_2O Activity in the Atmospheric Environment
LA-1469 (1952)

Pi-6 Pinson, Ernest A.
Absorption of Ingested Tritium Water and the Water Dilution Volume of Man
LA-1464 (1952)

Pi-7 Pinson, Ernest A.
Lung Absorption of HTO by Man upon Inspiration of HTO Water Vapor
LA-1465 (1952)

Pin-1 Pinus, A. A.
Pathomorphological Changes in Animals Poisoned by Radon Inhalation
Med. Radio. 2: 55-63 (1957) In Russian
Nuclear Science Abstracts 11: 5725 (1957)

Pk-1 King, E. R. and J. D. Perkinson, Jr.
Preliminary Distribution Studies of Gallium-72 in the Wistar Rat
Texas Reports on Biology and Medicine 8: 491-497 (Winter, 1950)

Pk-2 King, E. R., J. D. Perkinson, Jr., H. D. Bruner and J. Gray
Excretion of Gallium by the Rat and Man
Science 113: 555-557 (1951)

Pl-1 Platt, W. R.
Effects of Radioactive P^{32} on Normal Tissues
Archives of Pathology 43: 1-14 (1947)

Pm-1 Perlman, I., M. E. Morton and I. L. Chaikoff
The Selective Uptake of Bromine by the Thyroid Gland with Radioactive Bromine as Indicator
American Journal of Physiology 134: 107-113 (1941)

Pm-2 Perlman, I., M. E. Morton and I. L. Chaikoff
Radioactive Iodine as an Indicator of the Metabolism of Iodine. I. Turnover of Iodine in the Tissues of the Normal Animal with Particular Reference to the Thyroid
Journal of Biological Chemistry 139: 433-447 (1941)

Pn-1 Patnaik, M.
The Iodine Content of Indian Food-Stuffs
Indian Journal of Medical Research 22: 249-262 (1934)

Po-1 Myant, N. B. and E. E. Pochin
Thyroid Clearance Rate and Plasma Iodine as a Measure of Thyroid Activity
Proceedings of the Royal Society of Medicine 42: 959-961 (1949)

Po-2 Myant, N. B., E. E. Pochin and E. A. G. Goldie
Plasma Iodide Clearance Rate of Human Thyroid
Clinical Science 8: 109-133 (1949)

Po-3 Pochin, E. E.
Investigations of the Thyroid Function and Disease with Radioactive Iodine
Lancet 2: 41-46 (July 8, 1950)
Lancet 2: 84-91 (July 15, 1950)

Po-4 Pochin, E. E.
The Speed of Iodine Metabolism
International Conference on the Peaceful Uses of Atomic Energy 10: 269-271
August, 1955. Geneva, Switzerland, Paper Number P/769.

Pr-1 Prezyma, A. P., W. W. Ayres and W. C. Mulry
Late Effects of Thorotrast in Tissues
Radiology 60: 573-578 (1953)

Ps-1 Patak, S. S. and V. N. Patwardhan
Toxicity of Nickel
Journal of Scientific and Industrial Research 9A: 70-76 (1950)

Ps-2 Patwardhan, V. N. and N. G. Nhavi
The Absorption of Phosphates from the Intestine
Biochemical Journal 33: 663-670 (1939)

Ps-3 Citre, R. G. and V. N. Patwardhan
Studies in Calcium and Phosphorus Metabolism. Part IV. Absorption of Calcium from the Intestine
Indian Journal of Medical Research 28: 361-369 (1940)

Pt-1 Peterson, W. H., J. T. Skinner and F. M. Strong
Elements of Food Biochemistry
Prentice-Hall Publishers, New York (1943)

Pt-2 Lindow, C. W., W. H. Peterson and H. Steenbock
The Copper Metabolism of the Rat
Journal of Biological Chemistry 84: 419-436 (1929)

Pu-1 Punins'ka, V. K.
Salivary Secretion and Iodine Elimination
Fiziol. Zhur. Akad. Nauk. Ukr. R. S. R. 3: 67-70 (1947) (in Russian)
C. A. 52: 1406 e (1958)

Pw-1 Parson, William, K. R. Crispell and Arthur Ebbert, Jr.
Abnormalities in N^{15} Excretion Rates after Ingestion of Tagged Glycine in Cushing's Syndrome and Following ACTH Administration
Journal of Clinical Investigation 31: 548-554 (1952)

Py-1 Perey, Marguerite
Francium: Element 87
Bulletin de la Société Chimique de France 18: 779-785 (1951)

Ra-1 Radomski, Jack L., H. N. Fuyat, A. A. Nelson and P. K. Smith
Toxic Effects, Excretion and Distribution of Lithium Chloride
Journal of Pharmacology and Experimental Therapeutics 100: 429-444 (1950)

Rab-1 Raben, M. S. and E. B. Astwood
Use of Radioiodine in Physiological and Clinical Studies on the Thyroid Gland
Journal of Clinical Investigation 28: 1347-1366 (1949)

Ray-1 Ray, Robert D., Duane LaViolette, Harold D. Buckley and Roscoe S. Mosiman
Studies of Bone Metabolism. I. A Comparison of the Metabolism of Strontium-90 in Living and Dead Bone
Journal of Bone and Joint Surgery 37-A: 143-155 (1955)

Ray-2 Ray, Robert D., Duncan M. Thomson, Norvelle K. Wolff and Duane LaViolette
Bone Metabolism. II. Toxicity and Metabolism of Radioactive Strontium (Sr^{90}) in Rats
Journal of Bone and Joint Surgery 38-A: 160-174 (1956)

Ray-3 Ray, Robert D., Dorothy E. Stedman and Norvelle K. Wolff
Bone Metabolism. III. The Effect of Various Diets on the Mobilization of Strontium from the Rat Skeleton
Journal of Bone and Joint Surgery 38-A: 637-654 (1956)

Rc-1 Recoder, R. F.
Spectrographic Analysis of the Rio Plata River Water and of Tap Water in Buenos Aires
Bol. Obras. Sanit. Nacion 3: 16-22 (1939)
C. A. 33: 3936 (1939)

Rd-1 Rundo, J.
The Radioactivity of Thorotrast
Physics in Medicine and Biology 1: 138-146 (1956)

Rd-2 Rundo, J. and U. Sagild
Total and 'Exchangeable' Potassium in Humans
Nature 175: 774 (April 30, 1955)

Re-1 Read, John and J. C. Mottram
Tolerance Concentration of Radon in the Atmosphere
British Journal of Radiology 12: 54-60 (1939)

Re-2 Read, John
Radium Poisoning
British Journal of Radiology 12: 632-637 (1939)

Reh-1 Rehfeld, Carl E.
Macroscopic Alterations in the Eyes of Beagle Dogs with Burdens of Radium-226, Radium-228, Thorium-228 and Plutonium-239
Presented at the Radiation Research Society, Rochester, May 13-15, 1957.
Page 53 of the Abstracts.

Rf-1 Rosenfeld, Irene and O. A. Beath
The Elimination and Distribution of Selenium in the Tissues in Experimental Selenium Poisoning
Journal of Nutrition 30: 443-449 (1945)

Rf-2 Rosenfeld, Irene and O. A. Beath
Metabolism of Sodium Selenate ($NaSeO_3$) and Sodium Selenite ($NaSeO_2$) by Tissues
Journal of Biological Chemistry 172: 333-341 (1948)

Rg-1 Rygh, O.
Recherches Sur les Olio-Éléments.
I. De L'Importance du Strontium, du Baryum et du Zinc
Bulletin de la Société de Chimie Biologique 31: 1052-1061 (1949)

Rg-2 Rygh, O.
Recherches sur les Oligo-Éléments
II. De L'Importance du Thallium et du Vanadium, du Silicium et du Fluor
Bulletin de la Société de Chimie Biologique 31: 1403-1407 (1949)

Ri-1 Richards, Marion B.
Manganese in Relation to Nutrition
Biochemical Journal 24: 1572-1590 (1930)

Rie-1 Rieck, H. G. and R. W. Perkins
Radium Determinations in Soil, Vegetation and Water by Radon Counting
HW-32210 (Revised) (May 7, 1956)

Rj-1 Rotblat, J. and Gillian Wood
The Radioactivity from Thorotrast and Its Retention in Tissues
Physics in Medicine and Biology 1: 125-137 (1956)

Rm-1 Ramage, Hugh and J. H. Sheldon
Mineral Content of Eyes
Nature 128: 376 (1931)

Rm-2 Sheldon, J. H. and Hugh Ramage
Spectrographic Analysis of Human Tissues
Biochemical Journal 25: 1608-1627 (1931)

Ro-1 Roth, Lloyd J., Edgar Leifer, John R. Hogness and Wright Langham
LAMS-815R

Ros-1 Rose, John E., Director ANL-5679
Radiological Physics Division Semiannual Report. July through December, 1956.
Lucas, H. F., Jr., F. I. Ilcewicz and A. F. Stehney
The Concentration of Radon in the Atmosphere. Part I. Chronological Variations. pp. 10-12
Kulhanek, F. C., G. A. Zerbe and H. Moses
The Concentration of Radon in the Atmosphere. Part II. Comparison with Meteorological Data. pp. 13-15
Marinelli, L. D. and P. F. Gustafson
The Thorium-227 Accident - Final Comparison between Experimental Results and Calculated Values of Retention and Elimination. pp. 16-20

Miller, C. E.
The Human Spectrometer. Introduction. p. 21
Miller, C. E. and L. D. Marinelli
I. In Vivo Measurements
Strontium-85. pp. 22-24
Radium-226. pp. 24-25
Tellurium-129 Inhalation Accident. pp. 26-28
Cesium-137 in Humans. pp. 28-30
Jowsey, Jenifer, J. H. Marshall and R. E. Rowland
The Distribution of Cerium-144 and Thulium-170 in the Dog Skeleton. pp. 46-47
Marshall, John H., R. E. Rowland and J. Jowsey
Quantitative Autoradiographic Measurements of Calcium-45 Concentration in Cortical Bone. pp. 48-62

Ros-2 Rose, John E., Director ANL-5596
Radiological Physics Division Semiannual Report. January through June, 1956
Lucas, H. F., Jr. and A. F. Stehney
Radon Contamination in the Measurement of Low Levels of Expired Radon. Part II. pp. 6-11
Stehney, A. F., D. E. Wallace and F. H. Ilcewicz
Isolation of Th^{228} from Bone with Dibutyl Phosphate. pp. 12-14
Gustafson, P. F. and L. D. Marinelli
Calculations Pertaining to Radium Produced In Vivo from a Thorium Patient. pp. 19-25
Miller, C. E.
Measurements of Gamma Rays In Vivo
Cesium in Humans. pp. 28-31
Cesium in Urine. p. 31
Foods. p. 31

Ros-3 Rose, John E., Director ANL-5456
Semiannual Report of Radiological Physics Division for January through June, 1955
Stehney, A. F. and H. F. Lucas, Jr.
Retention of Environmental Radium by Young Human Males. pp. 95-98
Radium Toxicity
Introduction by L. D. Marinelli. p. 107
Miller, C. E., L. D. Marinelli and J. E. Rose
Studies on the Scintillation Background Spectrum in the Low-Level Gamma-Ray Counting Facility. pp. 107-113
Rowland, R. E. and L. D. Marinelli
Potentialities of the Coincidence Method in the Measurements of the Gamma-Ray Activities from the Human Body at Very Low Levels. pp. 113-116
Miller, C. E., L. D. Marinelli, A. F. Stehney and J. E. Rose
Body Burden and Excretion of Ra in a Human, 1012 Days after an Accidental Inhalation of $RaSO_4$. pp. 116-120
Miller, C. E. and L. D. Marinelli
Preliminary Observations on the Potassium Content of the Human Body. pp. 120-122

Ros-4 Rose, John E., Director ANL-5755
Radiological Physics Division Semiannual Report. January through June, 1957.
Marshall, J. H., V. K. White and J. Cohen
Three Dimensional Deposition of Calcium-45 in Cortical Bone of Dogs. pp. 5-17
Wallace, D. E., A. F. Stehney and F. H. Ilcewicz
Calibration of Dibutyl Phosphate Procedure for Isolation of Th^{228} from Bone. p. 33
Rowland, R. E., Jenifer Jowsey and J. H. Marshall
Mass per Unit Volume of Bone Mineral. pp. 34-37
Rowland, R. E., Jenifer Jowsey and J. H. Marshall
The Mechanism of Radon Retention in Bone. pp. 39-41
The Human Spectrometer
I. Introduction by C. E. Miller, p. 47
II. In Vivo Measurements of Cs^{137} by C. E. Miller and L. D. Marinelli pp. 47-53
III. Measurements on Some Residents of the Marshall Islands by C. E. Miller and O. J. Steingraber. pp. 53-57
IV. Exchangeable Potassium in Humans by C. E. Miller. pp. 57-58
V. Radium in Humans by C. E. Miller. p. 58

Rp-1 deRubies, S. P. and C. S. d'Argent
Spectrographic Determination of Cations in Some Spanish Medicinal Mineral Waters
Anales Soc. Espan. Fis.y. Quim. 29: 235-246 (1931)
C. A. 25: 3104 (1931)

Rs-1 Rosenthal, Maurice and Edwin J. Grace
Experimental Radium Poisoning. I. Bone Marrow and Lymph Node Changes in Rabbits Produced by Oral Administration of Radium Sulphate
American Journal of Medical Sciences 191: 607-618 (1936)

Rs-2 Rosenthal, Marcia White, Editor
Therapy of Radioelement Poisoning. Transcription of a Meeting on Experimental and Clinical Approaches to the Treatment of Poisoning by Radioactive Substances. October 20 and 21, 1955
ANL-5584
Aub, Joseph C.
Introductory Address. pp. 2-11
Foreman, Harry
Clinical Experiences in Removal of Radioelements from the Body. p. 12-22
Hathaway, E. A., A. J. Finkel, J. Sedlet and P. F. Gustafson
A Thorium-227 Incident. pp. 24-25
Dobson, R. Lowery
Americium Poisoning. pp. 28-35
Norwood, W. D.
Treatment of Plutonium Poisoning with Zirconium Citrate and with CaEDTA. pp. 36-44
Williams, Katherine
Some Cases of Internal Contamination and Their Early Detection for Possible Treatment by Chelating Agents. pp. 45-52

Laszlo, Daniel and Herta Spencer
The Interrelationship of Calcium, Strontium and Metal Metabolism and the Effect of Chelating Agents Thereon. pp. 53-68
Ray, Robert D.
Experimental Studies on Bone and Strontium Metabolism. pp. 69-82
MacDonald, Norman S.
Diminishing the Skeletal Retention of Ingested Radiostrontium by the Use of Chemical Agents. pp. 83-90
Kisieleski, Walter E., William P. Norris and Lois A.Woodruff
The Effect of BAL on Distribution and Metabolism of P^{32} and Sr^{90}. p. 91-99
Rosenthal, Marcia White
The Use of Zirconium and Other Carriers in the Removal of Radioelements from the Body. pp. 100-113
Thompson, Roy C.
Research at Hanford on Therapy for Internally Deposited Plutonium. p. 114-122
Copp, D. Harold and Bergene Kawin
Some Considerations in Fission Product Contamination. pp. 123-129
Jowsey, Jenifer
The Chelation of Skeletally Deposited Yttrium by EDTA. p. 130
Arnold, James S.
Some Observations on Plutonium and Radium in Bone. pp. 131-143
Cohn, S. H.
The Effect of Chemical Agents on the Skeletal Content and Excretion of Internally Deposited Fission Products. pp. 144-150
Kroll, Harry
Development of Chelating Agents Potentially More Effective than EDTA in Radioelement Removal. p. 150-151
Summary Tables. pp. 152-156

Rt-1 Rothstein, Aser
Toxicology of the Minor Metals
UR-262 (1953)

Ru-1 Rugh, Roberts
Radioiodine and Histopathological Effects
Journal of Morphology 89: 457-499 (1951)

Ru-2 Rugh, Roberts
The Mouse Thyroid and Radioactive Iodine (I^{131}).
II. The Excretion Rate of Radioactive Iodine Following Its Injection into the Adult Nursing and Non-Nursing Mouse, and Its Rate of Absorption by the Suckling Young
NYO-1545 (1951)

Ru-3 Rugh, Roberts
The Effect on the Thyroid Gland and the Gonads Following Chronic Treatment of Mice with Low Doses of Radioiodine (I^{131})
Journal of Experimental Zoology 122: 151-167 (1953)

Rw-1 Rose, Mary Swartz
What Place Have Aluminum, Copper, Manganese and Zinc in Normal Nutrition?
Journal of Nutrition 1: 541-556 (1928-1929)

Rw-2 Rose, Mary Swartz
The Nutritional Significance of Some Mineral Elements Occurring as Traces in the Animal Body
Yale Journal of Biology and Medicine 4: 499-518 (1931-1932)

Ry-1 Ray, T. W. and L. J. Deysach
Storage of Manganese by Thyroid. Effect on Oxygen Consumption of the Guinea Pig
Proceedings of the Society for Experimental Biology and Medicine 51: 228-229 (1942)

Sa-1 Stannard, J. Newell
Distribution and Excretion of Orally Administered Polonium in the Rat
UR-299 (September 17, 1954)

Sa-2 Stannard, J. Newell
The Effects of a Maintained Body Burden of Polonium in Rats.
I. Pilot Distribution and Excretion Experiment
UR-329 (April 27, 1954)

Sa-3 Stannard, J. N. and R. C. Baxter
The Effects of a Maintained Body Burden of Polonium in Rats.
II. Plan of Long Term Experiment; Distribution, Excretion and Retention Data
UR-376 (November 22, 1954)

Sa-4 Stannard, J. N., H. A. Blair and R. C. Baxter
The Effects of a Maintained Body Burden of Polonium in the Rat
III. Mortality, Life Span and Growth
UR-395 (June 16, 1955)

Sa-5 Morrow, P. E., Frank A. Smith, R. J. Della Rosa, Louis J. Casarett and J. N. Stannard
The Early Fate of Polonium-210 in Cats.
I. Gastrointestinal Administration Studies.
II. Intravenous Administration Studies.
UR-396 (June 30, 1955)

Sa-6 Stannard, J. N.
The Long Term Retention and Distribution of Polonium-210 in the Rat
UR-393 (June 16, 1955)

Sa-7 Thomas, Robert G. and J. N. Stannard
The Bind of Polonium by Red Cells and Plasma Proteins
UR-414 (October 19, 1955)

Sa-8 Della Rosa, R. J., R. G. Thomas and J. N. Stannard
The Acute Toxicity and Retention of Orally Administered Polonium-210 in the Rat
UR-392 (April 27, 1955)

Sa-9 Scott, Robert G. and J. N. Stannard
Modified Procedure for Analysis of Polonium-210 in Biological Materials
UR-235 (March 31, 1953)

Sa-10 Stannard, J. N.
Is the Concept of "Critical Organ" Valid in Determining the Maximum Permissible Level for Exposure to Radioactive Materials?
UR-402 (June 30, 1955)

Sa-11 Casarett, L. J. and J. N. Stannard
Further Evidence for a Role of the R-E System in the Distribution of Polonium-210 in Rat Tissues (Abstract)
Journal of Pharmacology and Experimental Therapeutics 113/1, 9-10 (January, 1955)

Sa-12 Thomas, Robert G. and J. N. Stannard
The Binding of Polonium by Red Cells and Plasma
Radiation Research 1: 563-564 (1954)

Sa-13 Stannard, J. N. and M. A. K. Angell
Possible Sex Influences on the Metabolism of Polonium-210 in the Rat
UR-427 (March 1, 1956)

Sa-14 Thomas, R. G. and J. N. Stannard
The Metabolism of Polonium-210 Administered by Intratracheal Injection to the Rat
UR-430 (1956)

Sa-15 Thomas, R. G. and J. N. Stannard
Influence of Injection Solution Treatment on Blood Disappearance Rates and Tissue Distribution of Polonium-210
UR-421 (1956)

Sa-16 Stannard, J. N. and F. A. Smith
Species Differences in the Metabolism of Polonium-210
UR-487 (1957)

Sa-17 See ADDITIONS

Sac-1 Sachs, Adolph, Victor E. Levine, Frederick C. Hill and Rita Hughes
Copper and Iron in Human Blood
Archives of Internal Medicine 71: 489-501 (1943)

Sad-1 Sadasivan, V.
Studies on the Biochemistry of Zinc. I. Effect of Feeding Zinc on the Liver and Bones of Rats
Biochemical Journal 48: 527-530 (1951)

Sah-1 Sahashi, Yoshikazu
Biochemistry of Copper Metabolism
Japanese Chemical Journal 8: 618-625 (1954)
C. A. 49: 16103 d (1955)

San-1 Santos-Ruiz, A., M. Déan Guelbenzu and J. M. López de Azcona
Trace Elements in Normal and Pathological Human Tissues. V. Discussion of Results in Four Earlier Notes.
Rev. Espaũ fisiol 8: 207-215 (1952)
C. A. 47: 7085 (1953)

Sav-1 Sanotskii, V. A.
On the Toxicology of Radioactive Materials
Med. Radiol. 2: 28-35 (1957) in Russian
Nuclear Science Abstracts 11: 5723 (1957)

Sb-1 Seil, Harvey A., Charles H. Viol and M. A. Gordon
The Elimination of Soluble Radium Salts taken Intravenously and Per Os
Radium 5: 40-44 (1915)

Sc-1 Schultze, M. O. and S. J. Simmons
Studies with Radioactive Copper
Journal of Applied Physics 12: 315 (1941)

Sch-1 Schwartz, Irving L. and Jørn Hess Thaysen
Excretion of Sodium and Potassium in Human Sweat
Journal of Clinical Investigation 35: 114-120 (1956)

Sco-1 Scott, James K.
Histopathology of Mice Exposed to Radon
UR-411 (October 5, 1955)

Sco-2 Hall, Robert H., Catherine A. Stroud, James K. Scott, Robert E. Root, Lucille T. Steadman and Herbert E. Stokinger
Acute Toxicity of Inhaled Thorium Compounds
UR-190 (November 13, 1951)

Sco-3 Scott, James K., W. F. Neuman and J. F. Bonner
The Distribution and Excretion of Thorium Sulfate
Journal of Pharmacology and Experimental Therapeutics 106: 286-290 (1952)

Sco-4 Spiegl, C. J., M. C. Calkins, J. J. DeVoldre, James K. Scott, L. T. Steadman and H. E. Stokinger
Inhalation Toxicity of Zirconium Compounds. I. Short-Term Studies
UR-460 (1956)

Sco-5 See ADDITIONS

Scr-1 Rajewsky, B., A. Schraub and E. Schraub
Tolerated Concentration of Radon in Inhaled Air
Naturwissenschaften 30: 733-734 (1942)
C. A. 38: 4686 (1944)

Sct-1 Scott, D. A., and A. M. Fisher
Studies on the Pancreas and Liver of Normal and Zinc-Fed Cats
American Journal of Physiology 121: 253-260 (1938)

Scw-1 Schwartze, E. W., Gerald J. Cox, Richard E. Unangst, F. J. Murphy and Helen B. Wigman
The Extent of the Retention of Ingested Aluminum
Journal of the American Medical Association 101: 1722-1725 (1933)

Sd-1 Schloerb, P. R., B. J. Friis-Hansen, Isidore S. Edelman, A. K. Soloman and Francis D. Moore
Measurement of Total Body Water in the Human Subject by Deuterium Oxide Dilution; With a Consideration of the Dynamics of Deuterium Distribution
Journal of Clinical Investigation 29: 1296-1310 (1950)

Se-1 Schubert, Jack and W. D. Armstrong
Rate of Elimination of Radioactive Carbon Administered as Carbonate from Tissues and Tissue Components of Mature and Growing Rats
Journal of Biological Chemistry 177: 521-527 (1949)

Se-2 Schubert, Jack
Estimating Radioelements in Exposed Individuals. II. Radiation Dosage and Permissible Levels.
Nucleonics 8: 66-78 (March, 1951)

Se-3 Schubert, Jack, Miriam P. Finkel, Marcia R. White and Gertrude M. Hirsch
Plutonium and Yttrium Content of the Blood, Liver and Skeleton of the Rat at Different Times after Intravenous Administration
AECD-2651
or
Journal of Biological Chemistry 182: 635-642 (1950)

Se-4 McClinton, L. T. and Jack Schubert
Acute Toxicity of Some Zirconium and Thorium Salts in Rats
Journal of Pharmacology and Experimental Therapeutics 94: 1-6 (1948)

Se-5 Schubert, Jack and Marcia R. White
The Effect of Citrate Salts and Other Chemical Factors on the Distribution and Excretion of Beryllium
Journal of Laboratory and Clinical Medicine 35: 854-863 (1950)

Se-6 Schubert, Jack and Herschel Wallace, Jr.
The Effect of Zirconium and Sodium Citrate on the Distribution and Excretion of Simultaneously Injected Thorium and Radiostrontium
AECD-2621 (1949)

Se-7 Russell, E. L., R. C. Lesko and Jack Schubert
A Direct Method for Determining Radium in Exposed Humans
Nucleonics 7: (1) 60-64 (1950)

Sea-1 Sealander, John A., Jr.
Influence of Temperature Stress on Uptake of P^{32} in the Rat
American Journal of Physiology 186: 227-230 (1956)

See-1 Seed, Lindon and Bertha Jaffe
Comparison of the Tracer Dose and the Therapeutic Dose of I^{131} as to the Thyroid Uptake, Effective Half Life and Roentgen Dosage
Radiology 63: 551-561 (1954)

Sei-1 Seifter, Joseph and Edward S. Rambousek
Intravenous Injections of Soluble Tin Compounds
Journal of Laboratory and Clinical Medicine 28: 1344-1348 (1943)

Sf-1 Shapiro, Jacob
Radiation Dosage from Breathing Radon and Its Daughter Products
A.M.A. Archives of Industrial Health 14: 169-177 (1956)

Sf-2 Shapiro, Jacob
An Evaluation of the Pulmonary Radiation Dosage from Radon and Its Daughter Products
UR-298 (1954)

Sf-3 Shapiro, B. and G. Rose
Application of C^{14}-Labeled Substances in the Study of Adipose Tissue Metabolism
Presented at the International Conference on the Peaceful uses of Atomic Energy, Geneva, Switzerland, August, 1955. Volume 12: 516-518
Paper Number P/776

Sg-1 Sabin, F. R., C. A. Doan and C. E. Forkner
Production of Osteogenic Sarcomata and the Effects on Lymph Nodes and Bone Marrow of Intravenous Injection of Radium Chloride and Mesothorium in Rabbits
Journal of Experimental Medicine 56: 267-290 (1932)

Sh-1 Shohl, Alfred T.
Mineral Metabolism
Reinhold Publishing Corporation, New York, New York (1939)

Sha-1 Schroeder, Henry A.
Trace Metals and Chronic Diseases. pp. 259-303
from Advances in Internal Medicine, edited by William Dock and I. Snapper
Yearbook Publishers, Inc., Chicago (1956)

She-1 Shellabarger, C. J.
Studies on the Thyroidal Uptake of Rhenium in the Rat
BNL-2305 (1955)

She-2 Shellabarger, C. J.
Uptake of Rhenium by the Rat Thyroid Gland
Quarterly Progress Report. October 1, 1954-December 31, 1954.
BNL-326

She-3 Shellabarger, C. J. and John T. Godwin
The Thyroidal Uptake of Astatine in the Rat
Journal of Clinical Endocrinology and Metabolism 14: 1149-1160 (1954)

Sho-1 Shorr, Ephraim and Anne C. Carter
The Usefulness of Strontium as an Adjuvant to Calcium in the Mineralization of the Skeleton in Man
Hospital for Joint Diseases 13: 59-66 (1952)

Shr-1 Sherman, H. C. and C. S. Lanford
Essentials of Nutrition
MacMillan Company, New York, New York (1943)

Shr-2 Sherman, H. C.
Chemistry of Food and Nutrition
MacMillan Company, New York, New York, Sixth Edition (1941)

Shw-1 See ADDITIONS

Si-1 Silberstein, H. E.
Radium Poisoning - Survey of Literature Dealing with the Toxicity and Metabolism of Absorbed Radium
AECD-2122 or M-1695 (1945)

Sik-1 Sikov, Melvin R., James E. Lofstrom and Corrine F. Resta
Alterations in the Skeleton of the Newborn Rat Induced by Maternally Administered Radiophosphorus (Abstract)
Presented at the Radiation Research Society, Rochester, N. Y. May 13-15, 1957.
Page 59 of the Abstacts.

Sim-1 Simchowitz, H. C.
German Radiotherapy in 1942-1943
British Journal of Radiology 17: 216-217 (1944)

Sin-1 Sinclair, W. K., John D. Abbatt, Helen E. A. Farran, Eileen B. Harriss and L. F. Lamerton
A Quantitative Autoradiographic Study of Radioiodine Distribution and Dosage in Human Thyroid Glands
British Journal of Radiology 29: 36-41 (1956)

Sj-1 Sacks, Jacob
Radioactive Isotopes as Indicators in Biology
Chemical Reviews 42: 411-456 (1948)

Sk-1 Skipper, Howard E., Locke White, Jr. and Carl E. Bryan
Body Retention of Carbon-14 from Labeled Sodium Bicarbonate
Science 110: 306-307 (1949)

Sk-2 Skipper, H. E., C. Nolan and Linda Simpson
Studies on the Hazard Involved in the Use of Carbon-14.
III. Long Term Retention in Bone
Journal of Biological Chemistry 189: 159-166 (1951)

Sk-3 Skipper, Howard E.
Body Retention of Carbon-14.
Long Term Retention of Carbon-14 with Particular Attention to the Bone Shaft
ORO-41 (1951)

Sk-4 Skipper, Howard E., Locke White Jr. and Carl E. Bryan
Studies on the Hazard Involved in the Use of Carbon-14.
I. Retention of Carbon from Labeled Sodium Bicarbonate.
Journal of Biological Chemistry 180: 1187-1195 (1949)
or
NP-961 (1949)

Sk-5 Skipper, Howard E., Linda Simpson and Martelia Bell
Long Term Radiation of Bone Following Administration of C^{14}-Bicarbonate
Proceedings of the Society for Experimental Biology and Medicine 92: 549-550 (1956)

Sl-1 Sollmann, Torald
A Manual of Pharmacology
W. B. Saunders Company, Philadelphia (1942)

Sl-2 Sollmann, Torald, Nora E. Schreiber, H. N. Cole, J. V. Ambler, J. A. Gammel, R. L. Howard and H. C. Shaw
Excretion of Mercury after Clinical Intramuscular and Intravenous Injections
Archives of Dermatology and Syphilogy 32: 1-48 (1935)

Sl-3 Sollmann, Torald, H. N. Cole and N. E. Schreiber
Mercury Inunctions
Archives of Dermatology and Syphilogy 32: 242-257 (1935)

Sm-1 Smith, Frank A., Rocco J. Della Rosa and Louis J. Casarett
Analytical and Autoradiographic Methods for Polonium-210
UR-305 (1955)

Sm-2 Smith, M. I. and B. B. Westfall
Further Field Studies on the Selenium Problem in Relation to Public Health
Public Health Reports 52: 1375-1384 (1937)

Sm-3 Smith, M. I., B. B. Westfall and E. F. Stohlman
The Elimination of Selenium and Its Distribution in Tissues
Public Health Reports 52: 1171-1177 (1937)

Sm-4 Westfall, Benton B. and M. I. Smith
Further Studies on the Fate of Selenium in the Organism
Journal of Pharmacology and Experimental Therapeutics 72: 245-251 (1941)

Sma-1 Smales, A. A. and B. D. Pate
The Determination of Sub-Microgram Quantities of Arsenic by Radioactivation.
Part III. The Determination of Arsenic in Biological Material
A.E.R.E. C/R 859/3 (1952)

Sn-1 Sheline, G. E., I. L. Chaikoff, H. B. Jones and M. L. Montgomery
Studies on the Metabolism of Zinc with the Aid of Its Radioactive Isotope.
I. Excretion of Administered Zinc in Urine and Feces
Journal of Biological Chemistry 147: 409-414 (1943)

Sn-2 Sheline, G. E., I. L. Chaikoff, H. B. Jones and M. L. Montgomery
Studies on the Metabolism of Zinc with Aid of Its Radioactive Isotope.
II. Distribution of Administered Radioactive Zinc in the Tissues of Mice and Dogs.
Journal of Biological Chemistry 149: 139-151 (1943)

Sn-3 Miller, E. R., M. E. Dailey, A. V. Holmes, G. L. Alexander and G. E. Sheline
Studies with Radioiodine
I. Function and Rate of I^{131} Uptake of Thyroid.
Radiology 57: 37-46 (1951)

Sn-4 Montgomery, M. Laurence, G. E. Sheline and I. L. Chaikoff
Elimination of Administered Zinc in Pancreatic Juice, Duodenal Juice and Bile of the Dog as Measured by Its Radioactive Isotope (Zn^{65})
Journal of Experimental Medicine 78: 151-159 (1943)

Sn-5 Montgomery, M. Laurence, G. E. Sheline and I. L. Chaikoff
Elimination of Sodium in Pancreatic Juice as Measured by Radioactive Sodium
American Journal of Physiology 131: 578-583 (1941)

So-1 Scott, Kenneth G.
Metabolism of Carrier-Free Radioactive Silver in the Rat
UCRL-36 (1948)

So-2 Scott, Kenneth G.
Metabolic Studies on Leukemic Mice with the Aid of Radioactive Phosphorus
Cancer Research 5: 365-367 (1945)

So-3 Scott, Kenneth G. and John H. Lawrence
Effect of Radiophosphorus on Blood of Monkeys
Proceedings of the Society for Experimental Biology and Medicine 48: 155-158 (1941)

So-4 Cook, S. F., Kenneth G. Scott and P. Abelson
The Deposition of Radio-Phosphorus in Tissues of Growing Chicks
Proceedings of the National Academy of Sciences 23: 528-533 (1937)

So-5 Erf, L. A., L. W. Tuttle and K. G. Scott
Retention of Orally Administered Radio-Phosphorus by Mice
Proceedings of the Society for Experimental Biology and Medicine 45: 652-657 (1940)

Sog-1 Sognnaes, Reidar F., James H. Shaw and Rita Bogoroch
Radiotracer Studies on Bone, Cementum, Dentin and Enamel of Rhesus Monkeys
American Journal of Physiology 180: 408-420 (1955)

Son-1 Sondak, V. A.
Injuries to the Organisms of Small Doses of Radioactive Phosphorus
Biofizika 1: 211-220 (1956)
C.A. 50: 16927 (1956)

Sp-1 Sprinson, David B. and D. Rittenberg
The Rate of Interaction of the Amino Acids of the Diet with the Tissue Proteins
Journal of Biological Chemistry 180: 715-726 (1949)

Spe-1 Spear, F. G.
The Delayed Effect of Radium on Tissue Cultures in Vitro - Comparison of Continuous and Spaced Radiation
Proceedings of the Royal Society Series B, 108: 190-195 (1931)

Spi-1 Spiers, F. W. and P. R. J. Burch
Measurement of the Normal Radioactivity of the Body. pp. 203-213 in Biological Hazards of Atomic Energy edited by A. Haddow. Oxford at the Clarendon Press, Oxford University Press, Amen House, London E.C. 4 (1952)

Spr-1 Sproull, Reavis C. and Robert A. Lehman
A Study of Certain Factors Influencing the Absorption of Water Soluble Bismuth Compounds
American Journal of Syphilis, Gonorrhea and Venereal Diseases 26: 166-180 (1942)

Sr-1 Siri, William E.
Isotopic Tracers and Nuclear Radiations with Applications to Biology and Medicine
McGraw-Hill Book Company, Inc., New York City, New York (1949)

Ss-1 Steele, Robert
The Turnover of Carbon in the Mouse as Studied by the Use of Tagged Carbohydrate
BNL-1222 (no date)

Ss-2 Brookhaven National Laboratory Quarterly Progress Report. October 1 to December 31, 1950
Steele, Robert
Disappearance from Mouse Tissues of Carbon from Assimilated Sucrose.
p. 123 BNL-93

Ss-3 Steele, Robert
Excretion and Retention of the Carbon of Ingested Sucrose by the Mouse
Journal of Biological Chemistry 209: 91-103 (1954)

St-1 Schlundt, Herman and G. Failla
"The Detection and Estimation of Radium in Living Persons.
III. The Normal Elimination of Radium"
American Journal of Roentgenology and Radium Therapy 26: 265-271 (August, 1931)

St-2 Schlundt, Herman, J. T. Nerancy and J. P. Morris
"The Detection and Estimation of Radium in Living Persons.
IV. The Retention of Soluble Radium Salts Administered Intravenously"
American Journal of Roentgenology and Radium Therapy 30: 515-522 (1933)

St-3 Barker, H. H. and Herman Schlundt
The Detection, Estimation and Elimination of Radium in Living Persons given Radium Chloride Internally. II.
American Journal of Roentgenology 24: 418-423 (1930)

St-4 Schlundt, H., H. H. Barker and F. B. Flinn
The Detection and Estimation of Radium and Mesothorium in Living Persons. I.
American Journal of Roentgenology 21: 345-354 (1929)

Sta-1 Staub, H.
Calcium-45 in Metabolic Studies
Schweiz. Med. Wochschr. 84: 499-506 (1954)
C. A. 48: 10886 c (1954)

Ste-1 Stehney, A. F., W. P. Norris, H. F. Lucas, Jr. and W. H. Johnston
A Method for Measuring the Rate of Elimination of Radon in Breath
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine 73: 774-784 (1955)

Ste-2 Stehney, A. F.
Radium and Thorium X in Some Potable Waters
Acta Radiologica 43: 43-51 (1955)

Ste-3 Stehney, A. F. and H. F. Lucas, Jr.
Retention of Environmental Radium by Young Humans
Radiation Research 3: 351- Abstract (1955)

Ste-4 Stehney, A. F. and H. F. Lucas, Jr.
Studies on the Radium Content of Humans Arising from the Natural Radium of Their Environment
International Conference on the Peaceful Uses of Atomic Energy 11: 49-54
August, 1955. Paper Number P/852

Sti-1 Stitch, S. R.
Trace Elements in Human Tissue.
Part I. A Semi-Quantitative Spectrographic Survey
A.E.R.E. MRC/R 1952 (1956)

Sti-2 Sowden, Eleanor M. and S. R. Stitch
Trace Elements in Human Tissue.
Part II. Estimation of the Concentrations of Stable Strontium and Barium in Human Bone.
A.E.R.E. MRC/R 2030 (1956)

Sti-3 Stitch, S. R.
Trace Elements in Human Tissue.
Part I. A Semi-Quantitative Spectrographic Survey.
Biochemical Journal 67: 97-103 (1957)
(This report contains only part of the data presented in reference Sti-1)

Sti-4 Sowden, Eleanor M. and S. R. Stitch
Trace Elements in Human Tissue.
Part II. Estimation of the Concentrations of Stable Strontium and Barium in Human Bone
Biochemical Journal 67: 104-109 (1957)
(This report contains only part of the data presented in reference Sti-2)

Stk-1 Stock, Alfred
Mercury Content of the Human Body. XXXIII. Effect and Distribution of Mercury.
Biochem. Z. 316: 108-122 (1943)
C.A. 38: 4694 (1944)

Stk-2 Stock, Alfred
Mercury Content of the Human Body. XXX. Effect and Distribution of Mercury
Biochem. Z. 304: 73-80 (1940)
C.A. 34: 4154 (1940)

Stl-1 Steele, J. Murray
Body Water in Man and Its Subdivisions
Bulletin of the New York Academy of Medicine 27: Series 2; 679-688 (1951)

Stn-1 Stover, C. N., Jr. Editor
University of Utah College of Medicine, Radiobiology Laboratory, Salt Lake City, Utah.
Second Annual Conference. Plutonium, Radium and Mesothorium. June 17, 18, 19, 1954.

Stn-2 Stover, Betsy J., D. R. Atherton and N. Keller
Further Studies of the Excretion of in vivo Produced Radium-224
Presented at the Radiation Research Society Meeting. May 13-15, 1957.
Page 64 of the Abstracts.

Stn-3 University of Utah, College of Medicine, Salt Lake City 12, Utah
Radiobiology Laboratory. Semiannual Progress Report. September 30, 1957.
Toxicity Animals: Plutonium, Radium, Mesothorium, Radiothorium and Strontium. pages 1-55
Jee, Webster S. S. and James S. Arnold
Microradiographic Studies of Cortical Bone of Chronic Toxicity Dogs. pages 56-61
Jee, W. S. S., C. R. Mott, J. S. Arnold and R. Mical
The Failure of Plutonium to Deposit in the Osteoid of Rachitic Rats. pages 62-67
Goldthorpe, H. C. and Swanson Bennett
Biochemistry Report. pages 68-73
Stover, Betsy J. and David R. Atherton
A Summary of the Ra^{228} (MsTh) Injection Solutions. pages 74-76
Stover, Betsy J. and Nancy Keller
Studies of the State of Plutonium, Thorium and Radium in Beagle Blood. pages 77-81
Stover, Betsy J., D. R. Atherton, N. Keller and D. S. Buster
Lack of Effect of Dose Level on Pu^{239} Metabolism in the Beagle. pages 82-86
Stover, Betsy J. and David R. Atherton
Concentration of Sr^{90} in Plasma. pages 87-90
Atherton, D. R., B. J. Stover and M. A. Van Dilla
Absorption of Radium and Thorium Through the Gut as a Function of Chemical Form, IV. pages 91-93
Mays, C. W., B. J. Stover, D. R. Atherton and M. A. Van Dilla
Isotope Burden and Radiation Dose Rate in Injected Beagles. pages 94-109
Mays, C. W., D. H. Taysum, G. N. Taylor and M. A. Van Dilla
Measurement of X-Ray Dosage to Dogs. pages 110-112
Mays, C. W. and L. W. Blake
Further Thoron Exhalation Measurements. pages 113-114
Mays, C. W., M. A. Van Dilla, W. S. S. Jee, D. R. Atherton, J. Watkins, D. Barton, L. Blake and W. Stevens.
Further Studies on Radon Retention. pages 115-126

Sto-1 Storer, John B., Phyllis Sanders, John Furchner and Julia Wellnitz
Relative Acute Toxicological Effects of Uranium-233 and Uranium-238
LA-1423 (1952)

Str-1 Sterner, James H. and Viola Ledfeldt
The Selenium Content of "Normal" Urine
Journal of Pharmacology and Experimental Therapeutics 73: 205-211 (1941)

Stv-1 Stevens, R. H.
Radium Poisoning
Radiology 39: 39-47; 739 (1942)

Stv-2 Stevens, Alexander R., Jr., Philip L. White, D. Mark Hegsted and Clement A. Finch
Iron Excretion in the Mouse
Journal of Biological Chemistry 203: 161-165 (1953)

Su-1 Coon, Julius M., Director
Sullivan, Maurice F., John Doull and Kenneth P. DuBois
TID-365 (1950)

Su-2 University of Chicago Toxicity Laboratory Quarterly Progress Report Number 6 on Radiobiology
Coon, Julius M., Director
Sullivan, M. F., John Doull and K. P. DuBois
Metabolism and Toxicity of Radioactive Metals. Yttrium-91, Zirconium-95, Columbium-95, Strontium-89 and Tantalum-182
M-4505 (1950)

Su-3 University of Chicago Toxicity Laboratory Quarterly Progress Report Number 4 on Radiobiology
Coon, Julius M., Director
Doull, John, M. F. Sullivan and K. P. DuBois
Studies on the Metabolism and Toxicity of Radioactive Metals. Yttrium-91 and Tantalum-182.
TID-364 (1950)

Sun-1 Kincaid, John F., James S. Strong and F. William Sunderman
Nickel Poisoning. I. Experimental Study of the Effects of Acute and Subacute Exposure to Nickel Carbonyl
A.M.A. Archives of Industrial Hygiene and Occupational Medicine 8: 48-60 (1953)

Sun-2 Sunderman, F. William and John F. Kincaid
Nickel Poisoning. II. Studies on Patients Suffering from Acute Exposure to Vapors of Nickel Carbonyl
Journal of the American Medical Association 155: 889-894 (1954)

Sun-3 Sunderman, F. William and Frederick Boerner
Normal Values in Clinical Medicine
W. B. Saunders Co., Philadelphia (1950)

Sun-4 Tedeschi, Ralph E. and F. William Sunderman
Nickel Poisoning. V. Metabolism of Nickel Under Normal Conditions and after Exposure to Nickel Carbonyl.
A. M. A. Archives of Industrial Health 16: 486-488 (1957)

Sv-1 Buchanan, G. S. and S. B. Schryver
The Presence of Tin in Canned Foods. Report to the Local Government Board.
December, 1908.
Reports of Inspector of Foods, No. 7
British Food Journal 11: 101-103 (June, 1909)

Sw-1 Shirley, Ray L., Erwin J. Benne and E. J. Miller
Cadmium in Biological Materials and Foods
Analytical Chemistry 21: 300-303 (1949)

Sw-2 Shirley, R. L.
Placental Transfer of Mo^{99} and Ca^{45} in Swine
Journal of Nutrition 54: 59-64 (1954)

Sy-1 Shandley, Paul D.
Radium Content of Common Foods
UR-255 (April 22, 1953)

Sz-1 Sizeland, M. L.
The Spectrographic Estimation of Trace Elements in Animals Eye Lenses
A.E.R.E. C/R 1002 (1952)

Ta-1 Tarver, Harold and C. L. A. Schmidt
Urinary Sulfur Partition in Normal and Cystinuric Dogs Fed Labeled Methionine
Journal of Biological Chemistry 167: 387-394 (1947)

Ta-2 Tarver, Harold and C. L. A. Schmidt
Use of Radioactive Sulfur, S^{35}, for Metabolic Studies
Journal of Applied Physics 12: 323-324 (1941)

Ta-3 Friedberg, Felix, Harold Tarver and David M. Greenberg
The Distribution Pattern of Sulfur-Labeled Methionine in the Protein and the Free Amino Acid Fraction of Tissues after Intravenous Administration
Journal of Biological Chemistry 173: 355-361 (1948)

Ta-4 Tarver, Harold and Lura M. Morse
Release of the Sulfur from the Tissues of Rats Fed Labeled Methionine
Journal of Biological Chemistry 173: 53-61 (1948)

Tab-1 Tabershaw, Irving R.
Radium Dial Painting - Medical Status of Workers
Journal of Industrial Hygiene and Toxicology 28: 212-216 (1946)

Tak-1 Takenaka, Fumio, Tsuyoshi Hashimoto and Takenobu Hongo
Pharmacological Studies on the Phosphorus Metabolism of the Brain with Radioactive Phosphorus-32
Folia Pharmacol. Japan 50: (No. 2) 161-168 (1954)
C. A. 49: 9148 e (1955)

Tb-1 Tabern, D. L., J. D. Taylor and G. I. Gleason
Radioisotopes in Pharmaceutical and Medical Studies
I. Nucleonics 7: No. 5; 3 - 23 (November, 1950)
II. Nucleonics 7: No. 6; 40-56 (December, 1950)

Tb-2 Taylor, J. D., R. K. Richards and D. L. Tabern
Metabolism of S^{35} Thiopental (Pentothal). Chemical and Paper Chromatographic Studies of S^{35} Excretion by the Rat and Monkey
Journal of Pharmacology and Experimental Therapeutics 104: 93-102 (1952)

Te-1 Thyresson, Nils
Experimental Investigation on Thallium Poisoning in the Rat. Distribution of Thallium, Especially in Skin and Excretion of Thallium Under Different Experimental Conditions. A Study with Use of Radioactive Isotope Tl^{204}
Acta Dermato-Venereol 31: 3-27 (1951)

Tf-1 Born, H. J., H. A. Timoféeff-Ressowsky and P. M. Wolf
Versuche über die Vertielung des Mangans im Tierischen Organismus mit Mn^{56} als Indikator
Die Naturwissenschaften 31: 246-247 (1943)

Th-1 Katz, Joseph, Maurice H. Weeks and Roy C. Thompson
Gastrointestinal Absorption of Plutonium
II. Effect of Plutonium Concentration in Solution Fed.
HW-30220 (1954)

Th-2 Thompson, Roy C.
Effect of Body Distribution and Retention of Tritium on the Hazard of Exposure to Tritium Oxide
HW-30340 (1954)

Th-3 Thompson, Roy C. and John E. Ballou
Studies of Metabolic Turnover with Tritium as a Tracer. III. Comparative Studies with Tritium and Deuterium
HW-28595 (1953)
or
Journal of Biological Chemistry 206: 101-107 (1954)

Th-4 Thompson, Roy C. and John E. Ballou
Studies of Metabolic Turnover with Tritium as a Tracer. IV. Metabolically Inert Lipid and Protein Fractions from the Rat
HW-30082 (1953)
or
Journal of Biological Chemistry 208: 883-888 (1954)

Th-5 Thompson, Roy C.
Studies of Metabolic Turnover with Tritium as a Tracer. I. Gross Studies on the Mouse
Journal of Biological Chemistry 197: 81-87 (1952)

Th-6 Thompson, Roy C.
Studies of Metabolic Turnover with Tritium as a Tracer. II. Gross Studies on the Rat
Journal of Biological Chemistry 200: 731-743 (1953)

Th-7 Thompson, Roy C.
October 13-14, 1952. Minutes of Biomedical Program Directors of the USAEC

Th-8 DeLong, Chester W., Roy C. Thompson and Harry A. Kornberg
Percutaneous Absorption of Tritium Oxide
American Journal of Roentgenology, Radium Therpay and Nuclear Medicine 71: 1038-1045 (1954)

Th-9 Weeks, Maurice H., W. D. Oakley and Roy C. Thompson
Influence of Plutonium Concentration on Effectiveness of Therapeutic Agents
HW-32399 (1954)

Th-10 Thompson, Roy C.
Gross Retention and Metabolism of Tritium Oxide in the Mouse
HW-20092 (1951)

Th-11 Thompson, Roy C.
Retention by Mice of Tritium Administered as the Oxide
HW-21494 (1951)

Th-12 Thompson, Roy C. HW-25008 (1952)

Th-13 Thompson, Roy C.
Biological Applications of Tritium
Nucleonics 12: No. 8, 31-35 (1954)

Th-14 Thompson, Roy C. and H. A. Kornberg HW-29615 (1954)

Th-15 Thompson, Roy C., O. L. Hollis and W. D. Oakley
Evaluation of Biological Hazards from Ruthenium Particulates. I. Studies of Percutaneous Absorption, Gastrointestinal Absorption and Gastrointestinal Holdup
HW-41519 (1956)

Th-16 Ballou, J. E. and R. C. Thompson
Physiological Parameters for assessing the Hazard of Exposure to Ruthenium Radioisotopes. II. Chronic Exposure Studies.
HW-46409 (1956)

Th-17 Thompson, Roy C. and O. L. Hollis
Irradiation of the Gastrointestinal Tract of the Rat by Ingested Ruthenium-106
HW-45546 (1956)

Th-18 Ballou, John E. and Roy C. Thompson
Metabolism of Cesium-137 in the Rat. Comparison of Acute and Chronic Administration Experiment.
Presented at the Health Physics Society Meeting, Pittsburgh, Pennsylvania, June, 1957.

Th-19 Thompson, Roy C. and John E. Ballou
Gross Metabolism of Water in the Rat as Deduced from Studies with Tritium Oxide
Abstract of Papers presented at the American Chemical Society, 125th Meeting, March 24 - April 1, 1954, Kansas City, Missouri. Paper number 49, page 20 C.

Th-20 Thompson, Roy C., M. H. Weeks, O. L. Hollis, J. E. Ballou and Willa D. Oakley
Physiological Parameters for Assessing the Hazard of Exposure to Ruthenium Radioisotopes
HW-41422 (1956)

Th-21 Ballou, J. E. and R. C. Thompson
The Long Term Retention of Cesium in the Rat Following a Single Intraperitoneal Injection
HW-46150 (1957)

Th-22 Thompson, Roy C. and John E. Ballou
Studies of Metabolic Turnover with Tritium as a Tracer. V. The Predominantly Non-Dynamic State of Body Constituents in the Rat
HW-42200 (1956)
or
Journal of Biological Chemistry 223: 795-809 (1956)

Th-23 Weeks, M. H., W. D. Oakley, J. Katz and R. C. Thompson
Absorption of Plutonium Through the Skin of the Rat: Rates of Penetration and Methods for Skin Decontamination
HW-30232 (1953

Tho-1 Thomas, Charles I., Mary Sue Bovington and Jack S. Krohmer
Uptake of Radioactive Phosphorus in Experimental Tumors. I. Comparison of Radioactivity in Neoplastic and Normal Ocular Tissue
Cancer Research 16: 796-803 (1956)

Ti-1 Tipton, Isabel H., Robert L. Steiner, William D. Foland, Johanna Mueller and Mary Stanley
Spectrographic Analysis of the Tissues from Autopsies of Twenty-Four Instanteous Deaths
ORNL-CF-54-12-66 (December 10, 1954)

Ti-2 Tipton, I. H., M. J. Cook, R. L. Steiner, W. D. Foland, D. K. Bowman and K. K. McDaniel
Progress Report: Spectrographic Analysis of Tissues for Trace Elements. July 1, 1955 through December 31, 1955.
ORNL-CF-56-3-60 (March 12, 1956)

Ti-3 Personal Communication from Isabel H. Tipton. February 10, 1956, February 15, 1956 and June, 1956.

Ti-4 Tipton, I. H., M. J. Cook, R. L. Steiner, J. M. Foland, K. K. McDaniel and S. D. Fentress
Spectrographic Analysis of Normal Human Tissue from Dallas, Texas
ORNL-CF-57-2-3 (February 28, 1957)

Ti-5 Tipton, I. H., M. J. Cook, R. L. Steiner, J. M. Foland, K. K. McDaniel and S. D. Fentress
Spectrographic Analysis of Normal Human Tissue from Miami, Florida
ORNL-CF-57-2-4 (February 28, 1957)

Ti-6 Tipton, I. H., M. J. Cook, R. L. Steiner, J. M. Foland, K. K. McDaniel and S. D. Fentress
Spectrographic Analysis of Normal Human Tissue from Baltimore, Maryland
ORNL-CF-57-11-33 (November 11, 1957)

Tie-1 Tietz, Norbert W., Edwin F. Hirsch and Benjamin Neyman
Spectrographic Study of Trace Elements in Cancerous and Noncancerous Human Tissue
Journal of the American Medical Association 165: 2187-2192 (1957)

Tis-1 Jackson, S. H., F. F. Tisdall, T. G. H. Drake and Doris Wightman
Retention of Fluorine when Fed as Bone and as Sodium Fluoride
Journal of Nutrition 40: 515-535 (1950)

Tl-1 Talvitie, N. A. and W. D. Wagner
Studies in Vanadium Toxicology. II. Distribution and Excretion of Vanadium in Animals
A.M.A. Archives of Industrial Hygiene and Occupational Medicine 9: 414-422 (1954)

Tm-1 Rayner, Barbara, Margaret Tutt and Janet Vaughan
Deposition of Yttrium-91 in Rabbit Bones
British Journal of Experimental Pathology 34: 138-145 (1953)

Tm-2 Kidman, Barbara, Margaret L. Tutt and Janet M. Vaughan
Retention and Excretion of Radioactive Strontium and Yttrium (Sr^{90}, Sr^{90} and Y^{90}) in the Healthy Rabbit
Journal of Pathology and Bacteriology 62: 209-227 (1950)

Tm-3 Jowsey, Jenifer, Barbara Rayner, Margaret Tutt and Janet Vaughan
The Deposition of Sr^{90} in Rabbit Bones Following Intravenous Injection
British Journal of Experimental Pathology 34: 384-391 (1953)

Tm-4 Jowsey, Jenifer, Maureen Owen and Margaret Tutt
Retention and Excretion of Sr^{90} by Adult Rabbits
British Journal of Experimental Pathology 36: 22-26 (1955)

Tm-5 Jowsey, Jenifer, Maureen Owen and Janet Vaughan
Microaudiographs and Autoradiographs of Cortical Bone from Monkeys Injected with Sr^{90}
British Journal of Experimental Pathology 34: 661-667 (1953)

Tm-6 Tutt, Margaret, Barbara Kidman, Barbara Rayner and Janet Vaughan
The Deposition of Sr^{89} in Rabbit Bones Following Intravenous Injection
British Journal of Experimental Pathology 33: 207-215 (1952)

Tm-7 Kidman, Barbara, Barbara Rayner, Margaret L. Tutt and Janet M. Vaughan
Autoradiographic Studies of the Deposition of Sr^{89} in Rabbit Bones
Journal of Pathology and Bacteriology 64: 453-459 (1952)

Tm-8 Kidman, Barbara, Margaret L. Tutt and Janet M. Vaughan
The Retention of Radioactive Strontium and Yttrium (Sr^{89}, Sr^{90} and Y^{90}) in Pregnant and Lactating Rabbits and Their Offspring
Journal of Pathology and Bacteriology 63: 253-268 (1951)

Tm-9 Kidman, Barbara, Margaret Tutt and Janet Vaughan
Excretion of Yttrium-91 in Rabbits
Nature 167: 858 (1951)

Tm-10 Tutt, Margaret and Janet Vaughan
Metabolism of Radioactive Strontium in the Rabbit
Biochemical Journal 44: XXXV, No. 4 (1949)

Tm-11 Vaughan, Janet, Margaret Tutt and Barbara Kidman
The Biological Hazard of Radioactive Strontium. pp. 145-170 in Biological Hazards of Atomic Energy, Edited by A. Haddow. Oxford at the Clarendon Press, Oxford University Press, Amen House, London E.C. 4 (1952)

Tn-1 Tannenbaum, Albert, Editor
Toxicology of Uranium
McGraw-Hill Book Company, Inc., New York City, New York (1951)

Tn-2 Tannenbaum, Albert and H. Silverstone
Toxicology of Uranium Compounds. Progress Report on Injection and Ingestion to October 31, 1944
MDDC-615

Tn-3 Tannenbaum, Albert, Herbert Silverstone and Janet Koziol
Tracer Studies on the Distribution and Excretion of Uranium in Mice, Rats and Dogs
AECD-2167 or CH-3659 (Released 1948)

To-1 Thomas, Horace E. and Frank H. Bruner
Chronic Radium Poisoning in Rats
American Journal of Roentgenology and Radium Therapy 29: 641-662 (1933)

To-2 Thomas, R. O., T. A. Litovitz, M. I. Rubin and C. F. Geschickter
Dynamics of Calcium Metabolism. Time Distribution of Intravenously Administered Radiocalcium
American Journal of Physiology 169: 568-575 (1952)

To-3 Thomas, Robert G.
Metabolism of Thorium-230 (Ionium) Administered by Intratrachael Injection to the Rat
UR-480 (1957)

To-4 Smith, Geneva A., Robert G. Thomas, Barbara Black and James K. Scott
The Metabolism of Indium^{114m} Administered to the Rat by Intratracheal Intubation
UR-500 (1957)

To-5 Thomas, Robert G.
Studies on Polonium in the Blood
Ph. D. Thesis, University of Rochester (1955)

Tom-1 Tomlin, D. H., Kathleen M. Henry and S. K. Kon
The Interstitial Metabolism of Calcium in the Bones and Teeth of Rats
British Journal of Nutrition 9: 144-156 (1955)

Tom-2 Tomlin, D. H., Kathleen M. Henry and S. K. Kon
Autoradiographic Study of Growth and Calcium Metabolism in the Long Bones of the Rat
British Journal of Nutrition 7: 235-252 (1953)

Tol-1 Tolbert, B. M.
Estimated Radiation Dosage in Man from Administered Morphine-N-Methyl-C^{14}
UCRL-3806 (June 6, 1957)

Tp-1 Templeton, H. J., B. M. Rix and Robert Thomson
Absorption Rate of Bismuth Compounds
Archives of Dermatology and Syphilogy 21: 739-756 (1930)

Tr-1 Threefoot, S. A., George Burch and Paul Raeser
Biologic Decay Periods of Sodium in Normal Man, in Patients with Congestive Heart Failure and in Patients with Nephrotic Syndrome as Determined by Sodium-22 as the Tracer
Journal of Laboratory and Clinical Medicine 34: 1-13 (1949)

Tr-2 Threefoot, S. A., G. E. Burch, and C. T. Ray
The Biologic Decay Rates and Excretion of Radiocesium, Cs^{134}, with Evaluation as a Tracer of Potassium in Dogs
Journal of Laboratory and Clinical Medicine 45: 313-322 (1955)

Tr-3 Burch, G. E., S. A. Threefoot and C. T. Ray
Rate of Disappearance of Rubidium-86 from the Plasma, the Biologic Decay Rates of Rubidium-86 and the Applicability of Rubidium-86 as a Tracer of Potassium with and without Congestive Heart Failure
Journal of Laboratory and Clinical Medicine 45: 371-394 (1955)

Tr-4 Ray, C. T., G. E. Burch and S. A. Threefoot
Biologic Decay Rates of Chloride in Normal and Diseased Man Determined with Long-Life Radiochlorine, Cl^{36}
Journal of Laboratory and Clinical Medicine 39: 673-696 (1952)

Tr-5 Threefoot, S. A., G. E. Burch and C. T. Ray
Chloride "Space" and Total Exchanging Chloride in Man Measured with Long-life Radiochloride, Cl^{36}
Journal of Laboratory and Clinical Medicine 42: 16-33 (1953)

Tr-6 Burch, George E., Thorpe Ray, S. A. Threefoot, Frank J. Kelly and Arthur Svedberg
Urinary Excretion and Biologic Decay Periods of Radiomercury Labeling a Mercurial Diuretic in Normal and Diseased Man
Journal of Clinical Investigation 29: 1131-1138 (1950)

Tr-7 Burch, George E., C. Thorpe Ray and S. A. Threefoot
Studies of the Use of Rb^{86} as a Tracer of Potassium in Man
International Conference on the Peaceful Uses of Atomic Energy held at Geneva, Switzerland, August, 1955. 10: 458-468 Paper Number P/844

Tr-8 Ray, C. T., S. A. Threefoot and G. E. Burch
The Excretion of Radiorubidium, Rb^{86}, Radiopotassium, K^{42}, and Potassium, Sodium and Chloride by Man with and without Congestive Heart Failure
Journal of Laboratory and Clinical Medicine 45: 408-430 (1955)

Tru-1 Truhaut, René, Paul Blanquet and Lucien Capot
The Distribution of Radioactive Thallium in the Rat
Comptes Rendus des Séances de L'Académie des Sciences 245: 116-119 (1957)

Ts-1 Tompsett, Sidney Lionel
Distribution of Lead in Human Bones
Biochemical Journal 30: 345-346 (1936)

Ts-2 Tompsett, Sidney Lionel and Alan Bruce Anderson
The Lead Content of Human Tissues and Excreta
Biochemical Journal 29: 1851-1864 (1935)

Ts-3 Tompsett, Sidney Lionel
The Copper and "Inorganic" Iron Contents of Human Tissues
Biochemical Journal 29: 480-486 (1935)

Tu-1 Tauber, F. W. and A. C. Krause
Role of Iron, Copper, Zinc and Manganese in Metabolism of Ocular Tissues with Special Reference to the Lens
American Journal of Opthalmology 26: 260-266 (1943)

Tup-1 Tupper, R., R. W. E. Watts and A. Wormall
The Incorporation of Zinc-65 in Mammary Tumours and Some Other Tissues of Mice After Injection of the Isotope
Biochemical Journal 59: 264-268 (1955)

Ty-1 Taylor, Selwyn and Frank S. Stewart
Distribution of Radioiodine in Human Thyroid Gland
Lancet 2: 232-235 (1951)

Ty-2 Taylor, Selwyn
Uptake of Radioactive Zinc "In Vitro" by the Prostate
Nature 179: 585 (1957)

Tyo-1 Tyor, Malcolm P. and James S. Eldridge
A Comparison of the Metabolism of Rubidium-86 and Potassium-42 Following Simultaneous Injection into Man
American Journal of the Medical Sciences 232: 186-193 (1956)

Ud-1 Underhill, F. P. and F. I. Peterman
Studies in the Metabolism of Aluminum
American Journal of Physiology 90: 1-82 (1929)
I. Method of Determination of Small Amounts of Aluminum in Biological Material. pp. 1-14
II. Absorption and Deposition of Aluminum in the Dog. pp. 15-39
III. Absorption and Excretion of Aluminum in Normal Man. pp. 40-51
IV. The Fate of Intravenously Injected Aluminum. pp. 52-61
V. Relation of Age to the Amount of Aluminum in Tissues of the Dog. pp. 62-66
VI. Occurrence of Aluminum in the Human Liver and Kidney. pp. 67-71
VII. Aluminum Content of Some Fresh Foods. pp. 72-75
VIII. A Note on the Toxic Effects Produced by Subcutaneous Injection of Aluminum Salts. pp. 76-82.

Uk-1 Ucko, H.
Investigations into Presence and Role of Bromine in the Body
Biochemical Journal 30: 992-1000 (1936)

Un-1 Underwood, E. J.
Trace Elements in Human and Animal Nutrition
Academic Press, Inc., New York City, New York (1956)

Uo-1 Urone, P. F. and H. K. Anders
Determination of Small Amounts of Chromium in Human Blood, Tissues and Urine
Analytical Chemistry 22: 1317 - 1321 (1950)

Up-1 Odell, T. T., Jr. and A. C. Upton
Distribution of Calcium-45 in Platelets and Bone Marrow of Rats
Acta Haematologica 14: 291-293 (1955)

Ut-1 ORO-145 (1955)
University of Tennessee - Atomic Energy Commission Agricultural Research Program.
Semi-Annual Progress Report for January 1, 1955 to June 30, 1955.
Fission Product Metabolism in Animals.
A. Influence of Potassium Content of Ration on Cesium Excretion and Retention.
B. Influence of Potassium Content of Ration to Cesium Absorption and Metabolism.
C. Relation of Sodium and Potassium Content of Ration to Retention and Excretion of Cesium-134.
D. Influence of Salt (NaCl) Content of Ration on Retention of Cesium
E. Influence of the Hormones, Parathyroid, Cortisone and Dienestrol Diacetate on Retention of Cesium.
F. Factors Controlling Absorption, Retention and Excretion of Strontium
G. The Fractions of Casein and Other Concentrates Which Control the Metabolism of Sr-89.
H. Influence of Dienestrol Diacetate on Retention of Sr-89.
I. Influence of Versene and Dienestrol Diacetate on Absorption and Retention of Strontium-89.

J. Controlling the Absorption, Distribution and Excretion in Sheep of Strontium-89
K. Influence of Maternal Diet and Type of Protein on Absorption, Retention and Excretion of Calcium and Strontium
L. Metabolism of Zirconium-Niobium 95.
M. Studies on the Distribution and Metabolism of Lanthanum

Calcium Metabolism in Animals
I. Absorption and Internal Distribution
D. Maintenance Requirements and Physiological Behavior of Radiocalcium in Sheep and Swine
II. Interrelationships with Minerals, Vitamins, Hormones and Other Factors
A. Placental Transfer of Calcium-45 in the Rat
B. Effect of Age and Dietary Protein Level upon Calcium and Phosphorus Behavior in the Rat
C. Effects of Low Vitamin D upon Calcium and Phosphorus Behavior in the Rat on Low and Normal Planes of Calcium Nutrition

Radioisotopes in the Investigations of the Physiology of Milk Secretion
A. The Secretion of Radioactive Iodine (I-131) in Milk
B. The Uptake of Radioactive Iodine by Dairy Cows

Radium-Strontium Sheep Report

Ut-2 ORO-169 (1957)
University of Tennessee - Atomic Energy Commission Agricultural Research Program
Agricultural Research Program. Semi-Annual Progress Report for January 1, 1957 to June 30, 1957.

Fission Product Metabolism in Animals.
A. Nutritional Factors Influencing the Excretory Pattern of Cesium-134 in Rats. pp 6-10
B. Nutritional Factors Influencing the Metabolism of Cesium-134 by Rats Fed Desiccated Thyroid. pp 11-14
C. The Influence of Vitamin B_{12} on the Retention of Inorganic S-35, Ca-45 and Sr-89 in the Rat. pp 15-16
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Mineral Metabolism in Animals: I. Absorption and Internal Distribution
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C. Effect of Chemical Nature of Phosphorus upon Availability to Sheep. p 26

Ut-3 ORO-160 (1957)
University of Tennessee - Atomic Energy Commission.
Agricultural Research Program.
Semi-Annual Progress Report for January 1, 1956 to June 30, 1956.
Fission Product Metabolism in Animals.

A. Factors Influencing the Excretory Pattern of Cesium-134 in Rats. pp 7-24
B. Influence of Some Natural Feedstuffs on Metabolism of Cesium-134 and Potassium-42 in Swine. pp 25-27
D. Influence of Calcium and Phosphorus on Strontium Metabolism in Diary Cows. pp 28-29

Mineral Metabolism in Animals. I. Absorption and Internal Distribution.

A. Measurement of Total Body Water in Sheep. pp 30-37

Comparison of Radium and Sr-90 Radiotoxicity. pp 57-58

Va-1 Oliver, R. and Janet Vaughan
An Attempt to Assess the Dosage of Strontium-90 Received by Young Rabbit Bone
British Journal of Radiology 29: 668-672 (1956)

Va-2 Vaughan, Janet M.
Chapter XXIII, the Effects of Radiation on Bone, pages 729-765 in
The Biochemistry and Physiology of Bone, Edited by Geoffrey H. Bourne,
Academic Press, Inc., New York (1956)

Va-3 Owen, Marueen, H. A. Sissons and Janet Vaughan
The Effect of a Single Injection of High Dose of Sr^{90} (500-1000 μc/kg)
in Rabbits
The British Journal of Cancer 11: 229-248 (1957)

Va-4 Lea, Lorna and Janet Vaughan
The Uptake of S^{35} in Cortical Bone
The Quarterly Journal of Microscopical Science 98: 369-375 (1957)

Vc-1 VanCleave, C. D. and C. T. Kaylor
Distritution and Retention of Carrier-Free Radio Beryllium in the Rat
Archives of Industrial Hygiene and Occupational Medicine 7: 367-375 (1953)

Vc-2 VanCleave C. D.
A Radioautographic Study of the Localization of Radioactive Europium
in Certain Tissues of the Rat
Anatomical Record 103: 514-515 (1949)

Vc-3 Kaylor, C. T. and C. D. VanCleave
Radiographic Visualization of the Deposition of Radioberyllium in the Rat
Anatomical Record 117: 467-481 (1953)

Vc-4 VanCleave C. D. and C. T. Kaylor
Distribution, Retention and Elimination of Beryllium-7 in the Rat After
Intratracheal Injection
A.M.A. Archives of Industrial Health 11: 375-392 (1955)

Vd-1 Van Dilla, M. A. and B. J. Stover
On the Role of Radiothorium (Th^{228}) in Radium Poisoning
Radiology 66: 400-401 (1956)

Vd-2 Floyd, R. L., D. H. Taysum and M. A. Van Dilla
Release of Radon from Skeletal Radium Deposits (Abstract)
Radfation Research 3: 225 (1955)

Vd-3 Van Dilla, Marvin A., Betsy J. Stover and James S. Arnold
On the Retention and Translocation of Ra^{224} (Th X) in Dogs
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine
77: 503-511 (1957)

Vd-4 Semi-Annual Progress Report - September 30, 1955
Radiobiology Laboratory, University of Utah, College of Medicine
AECU-3109
Van Dilla, M. A., J. S. Arnold and R. L. Floyd
Radon Escape from Bone Containing Radium
Van Dilla, M. A., Betsy J. Stover and J. S. Arnold
On the Question of Rn^{228} Translocation in Ra^{228} Dogs

Ve-1 Vallee, Bert L.
The Metabolic Role of Zinc
Journal of the American Medical Association 162: 1053-1057 (1956)

Ve-2 Vallee, Bert L., Rex G. Fluharty and John G. Gibson, 2nd
Distribution of Zinc in Normal Blood and Organs Studied by Means of Zinc-65
Acta International Union Against Cancer 6: 869-873 (1949)

Ve-3 Nelson, J. Eugene, John G. Gibson, 2nd, Bert L. Vallee and Marvin A. Van Dilla
Effect of Radioactive Strontium on Peripheral Blood Picture of the Normal Dog
Acta International Union Against Cancer 6: 819-824 (1949)

Vg-1 Vinogradov, A. P.
Biological Role of Potassium-40
Nature 180: 507-508 (1957)

Vi-1 Visek, W. J., L. L. Barnes and J. K. Loosli
Calcium Metabolism in Lactating Goats as Studied with Ca^{45} Following Oral and Intravenous Administration
Journal of Dairy Science 35: 783-792 (1952)

Vk-1 Venkateswarlu, P. and D. Narayanarao
Distribution of Fluorine in the Tissues of Rats
Indian Journal of Medical Research 45: 387-389 (1957)

Vl-1 Volker, J. F., R. F. Sognnaes and B. G. Bibby
Studies on the Distribution of Radioactive Fluoride in the Bones and Teeth of Experimental Animals
American Journal of Physiology 132: 707-712 (1941)

Vn-1 Van Ravesteyn, A. H.
Metabolism of Copper in Man
Acta Med. Scandinav. 118: 163-196 (1944)

Vo-1 Voegtlin, Carl and Harold C. Hodge, Editors
Pharmacology and Toxicology of Uranium Compounds (Four Volumes)
McGraw-Hill Book Company, New York (1949)

Vr-1 Voinar, A. O. and V. N. Galakhova
Barium in the Tissues of the Eye of Animals and Man
Ukrain. Biokhrim. Zhur. 27: 101-107 (1955)
C. A. 49: 10471 (1955)

Vs-1 Visscher, Maurice B.
The Absorption and Excretion of Potassium in the Intestine
Journal-Lancet 73: 173-174 (1953)

Vt-1 Volta, A. and U. Marinoni
Distribution of Radioactive Cobalt in Organs of Normal and Anemic Animals
Biol. Latina 8: 942-952 (1955)
C. A. 50: 14073 (1955)

Wa-1 Wallace, Patricia C.
Metabolism of F^{18} in Normal and Chronically Fluorosed Rats
UCRL-2196 (1953)

Wa-2 Durbin-Wallace, Patricia C.
Metabolism of Fluorine in the Rat Using F^{18} as a Tracer
Journal of Dental Research 33: 789-800 (1954)

Wan-1 Wanner, Robert Louis
Calcium Metabolism in Dogs with Respect to Age and Exercise
Doctor of Philosophy Thesis. Cornell University. February, 1955

War-1 See ADDITIONS

Wc-1 Wallace, G. B. and B. B. Brodie
Distribution of Administered Bromide in Comparison with Chloride and its Relation to Body Fluids
Journal of Pharmacology and Experimental Therapeutics 65: 214-219 (1939)

Wc-2 Wallace, G. B. and B. B. Brodie
Distribution of Iodine, Thiocyanate, Bromide and Chloride in the Central Nervous System and Spinal Fluid
Journal of Pharmacology and Experimental Therapeutics 65: 220-226 (1939)

Wd-1 McCance, Robert Alexander and Elsie May Widdowson
The Fate of Calcium and Magnesium after Intravenous Administration to Normal Persons
Biochemical Journal 33: 523-528 (1939)

Wd-2 McCance, Robert A. and Elsie M. Widdowson
Seasonal and Annual Changes in the Calcium Metabolism of Man
Journal of Physiology 102: 42-49 (1943)

Wd-3 McCance, Robert A. and Elsie M. Widdowson
Absorption and Excretion of Zinc
Biochemical Journal 36: 692-696 (1942)

Wd-4 McCance, Robert A., Elsie M. Widdowson and H. Lehmann
Effect of Protein Intake on the Absorption of Calcium and Magnesium
Biochemical Journal 36: 686-691 (1942)

Wd-5 McCance, Robert A. and Elsie M. Widdowson
Fate of Strontium after Intravenous Administration to Normal Persons
Biochemical Journal 33: 1822-1825 (1939)

Wd-6 Widdowson, Elsie M., and Robert A. McCance
Sexual Differences in the Storage and Metabolism of Iron
Biochemical Journal 42: 577-581 (1948)

Wd-7 Widdowson, E. M., R. A. McCance and C. M. Spray
The Chemical Composition of the Human Body
Clinical Science 10: 113-125 (1951)

Wd-8 Widdowson, E. M.
A Study of English Diets by the Individual Method.
Part I. Men
Journal of Hygiene 36: 269-292 (1936)

Wd-9 Widdowson, E. M. and R. A. McCance
A Study of English Diets by the Individual Method.
II. Women
Journal of Hygiene 36: 293-309 (1936)

Wd-10 Widdowson, E. M. and R. A. McCance
Iron in Human Nutrition
Journal of Hygiene 36: 13-23 (1936)

Wd-11 McCance, R. A. and E. M. Widdowson
Iron Excretion and Metabolism in Man
Nature 152: 326-327 (1943)

Wd-12 Widdowson, Elsie M. and Robert A. McCance
The Absorption and Excretion of Iron Before, During and After a Period of Very High Intake
Biochemical Journal 31: 2029-2034 (1937)

Wd-13 McCance, R. A. and E. M. Widdowson
The Absorption and Excretion of Iron Following Oral and Intravenous Administration
Journal of Physiology 94: 148-154 (1938)

We-1 Whelan, Mary
The Nitrate Content of Animal Tissues and the Fate of Ingested Nitrate
Biochemical Journal 29: 782-787 (1935)

Wg-1 Wright, Samson
Applied Physiology
Oxford University Press, London, New York and Toronto. 9th Edition (1952)

Wh-1 Wadhwani, T. K.
Effect of Fluorine on the Composition of Bones: Changes in the Composition of Bones of Monkeys (Macaca Radiata)
Indian Journal of Medical Research 43: 321-330 (1955)

Wi-1 Mahoney, J. P., J. A. Bush, C. J. Gubler, W. H. Moretz, G. E. Cartwright and M. M. Winthrobe
Studies on Copper Metabolism. XV. The Excretion of Copper by Animals
Journal of Laboratory and Clinical Medicine 46: 702-708 (1955)

Wi-2 Winthrobe, M. M., G. E. Cartwright and C. J. Gubler
Studies on the Function and Metabolism of Copper
Journal of Nutrition 50: 395-419 (1953)

Wi-3 Mahey, M. E., C. J. Gubler, G. E. Cartwright and M. M. Wintrobe
Studies on Copper Metabolism. VI. Blood Copper in Normal Human Subjects
Journal of Clinical Investigation 32: 322-328 (1953)

Wid-1 Willard, D. H., L. A. Temple and W. J. Bair
Turnover and Tissue Distribution of Radioruthenium Oxide in the Lungs of Mice
HW-52286 (1957)

Wil-1 Williams, Dorothy E., Bonnie B. McDonald, Elsie Morrell, Frances A. Schofield and Florence L. MacLeod
Influence of Mineral Intake on Bone Density in Humans and in Rats
Journal of Nutrition 61: 489-505 (1957)

Wit-1 Witten, Victor H., Milton S. Ross, Eleanor Oshry and Arthur B. Hyman
Studies of Thorium X Applied to Human Skin. I. Routes and Degree of Penetration and Sites of Deposition of Thorium X Applied in Selected Vehicles
Journal of Investigative Dermatology 17: 311-322 (1951)

Wj-1 Wheeler, James E., F. D. W. Lukeras and Paul György
Studies on the Localization of Tagged Methionine within the Pancreas
Proceedings of the Society for Experimental Biology and Medicine 70: 187-189 (1949)

Wk-1 Walker, A. R. P., F. W. Fox and J. T. Irving
Studies in Human Mineral Metabolism. I. The Effect of Bread Rich in Phytate Phosphorus on the Metabolism of Certain Mineral Salts with Special Reference to Calcium
Biochemical Journal 42: 452-462 (1948)

Wl-1 Wallace, Harold D., Ray L. Shirley and George K. Davis
Excretion of Calcium-45 into the Gastrointestinal Tract of Young and Mature Rats
Journal of Nutrition 43: 469-475 (1951)

Wn-1 Weinmann, Joseph P.
The Effect of Strontium on the Incisor of the Rat. I. Injections of Small Doses of Strontium Chloride as a Means of Measuring the Rate of Incremental Dentin Apposition
Journal of Dental Research 21: 497 - 504 (1942)

Wr-1 Warren, S. and R. F. Cowing
Distribution of Doses of Radioactive Phosphorus in Rodents
Journal of Laboratory and Clinical Medicine 26: 1014 - 1016 (1941)

Wr-2 Warren S. and R. F. Cowing
Distribution of Large Doses of Radioactive Phosphorus in Rats
Archives of Pathology 29: 730 (1940)

Wr-3 Warren, Shields, J. C. MacMillan and F. J. Dixon
Effects of Internal Irradiation of Mice with P^{32}.
Part I. Spleen, Lymph Nodes, Thymus, Bone and Bone Marrow.
Radiology 55: 375-389 (1950)
Part II. Gonads, Kidneys, Adrenal Glands, Digestive Tract, Spinal Cord, Lungs and Liver
Radiology 55: 557 - 570 (1950)

Wr-4 DuPont, Octavia, Irving Ariel and Stafford L. Warren
The Distribution of Radioactive Arsenic in the Normal and Tumor-Bearing (Brown-Pearce) Rabbit
American Journal of Syphilis, Gonorrhea and Venereal Diseases 26: 96-118 (1942)

Wr-5 Warren, Stafford L., Director UCLA-357
Quarterly Progress Report for Period Ending December 31, 1955.
MacDonald, N. S., Patricia C. Spain and Philip Noyes
The Mechanisms of Skeletal Deposition of Metal Ions. pp 45-48
MacDonald, N. A., Patricia C. Spain and Philip Noyes
Agents of Diminish Gastrointestinal Absorption of Cations. pp 49
Alexander, George V. and R. E. Nusbaum
Spectrographic Analysis of Body Fluids and Tissues for Inorganic Constituents. pp 69-70
Watson, James C., Rhoda Devick and Walter B. McKibben
The Physiological Retention of Ingested Radioactive Fallout Materials by Laboratory Animals. pp 103-106

Ws-1 Wase, Arthur W., Donald M. Goss and M. John Boyd
The Metabolism of Nickel. I. Spatial and Temporal Distribution of Ni^{63} in the Mouse
Archives of Biochemistry and Biophysics 51: 1-4 (1954)

Ws-2 Wase, Arthur W.
Absorption and Distribution of Radio-Tungstate in Bones and Soft Tissues
Archives of Biochemistry and Biophysics 61: 272-277 (1956)

Wt-1 Watts, Nellie Perry
Changes in the Blood and Kidneys of Rats Exposed to Small Amounts of Polonium
UR-173 (1951)

Ww-1 Wilde, W. S.
The Distribution of Potassium in the Cat after Intravascular Injection
Journal of Biological Chemistry 128: 309-317 (1939)

Ww-2 Wilde, W. S., J. Ginsburg and W. G. Walker
The Distribution Kinetics of Intravenous Potassium, K^{42}
Journal-Lancet 73: 168-170 (1953)

Wy-1 Whitely, H. J., H. B. Stoner and C. J. Threlfall
Uptake of Radioactive Phosphorus by the Skin of the Rabbit
British Journal of Experimental Pathology 34: 73-80 (1953)

Wya-1 Wyard, S. J.
Radiation Dose to Bone from Radioactive Phosphorus (Correspondence)
British Journal of Radiology 29: 576 (1956)

Ya-1 Yamada, Ryuich
Studies on Calcium Metabolism with the Aid of Radioactive Calcium, Ca^{45}.
Annual Report of the Research Committee on the Application of Artificial Radioactive Isotopes in Japan 1: Part 2: 117-125 (1951) in Japanese

Yb-1 Youngsburg, Guy E.
Phosphorus Metabolism. VII. Course of Phosphorus in Alimentary Tract of the Rat
Proceedings of the Society for Experimental Biology and Medicine 36: 230-233 (1937)

Yo-1 Young, B. H. and J. Churchly AWRE-O-59/54 (1955)

Yu-1 Young, A. G., F. H. L. Taylor and H. H. Merritt
Distribution and Excretion of Mercury
Archives of Dermatology and Syphilogy 21: 539-551 (1930)

Za-1 Zamychkina, K. S., E. A. Rudik-Gnutova, D. E. Grodzenskiĭ and L. I. Belorybkina
Absorption from the Digestive Tract and Utilization of Phosphorus During Experimentally Induced Hepatitis
Med. Radio. No. 3, 63-71 (1956) In Russian
Nuclear Science Abstracts 10: 11036 (1956)

Zi-1 Zipser, Albert and A. Stone Freedberg
Distribution of Administered Radioactive Rubidium (Rb^{86}) in Normal and Neoplastic Tissues of Mice and Humans
Cancer Research 12: 867-870 (1952)

Zi-2 Freedberg, A. S., H. B. Pinto and Albert Zipser
Distribution of Administered Rb^{86} Carbonate in Mouse, Guinea Pig, Dog, and Man
Proceedings of the Federation of American Societies for Experimental Biology 11: 49 (1952)

Zi-3 Zipser, Albert, H. B. Pinto and A. S. Freedberg
Distribution and Turnover of Administered Rubidium (Rb^{86}) Carbonate in Blood and Urine of Man
Journal of Applied Physiology 5: 317-322 (1953)

ADDITIONS

Ac-6 Arnold, James S., W. S. S. Jee and K. Johnson
Observations and Quantitative Radioautographic Studies of Calcium-45 Deposited in vivo in Forming Haversian Systems and Old Bone of Rabbit
American Journal of Anatomy 99: 291-313 (1956)

Ac-7 Arnold, James S.
Autoradiographically Determined in vivo Translocation of Ra^{224} from Skeletal Deposits of Th^{228} (Abstract)
Presented at the Radiation Research Society, New York, May 16-18, 1955.
Radiation Research 3: 211-212 (1952)

An-6 Anderson, Ernest C., Robert L. Schuch, James D. Perrings and Wright H. Langham
The Los Alamos Human Counter
Nucleonics 14: No. 1; 26-29 (1956)

Bal-1 Ballou, J. E.
Effects of Age and Mode of Ingestion on the Absorption of Plutonium
HW-52895 (October 7, 1957)

Bg-5 Butt, E. M., R. E. Nusbaum, A. G. Ware and G. C. Griffith
A Study of Trace Metal Storage in Human Organs by Spectrographic and Chemical Methods, with Particular Attention to Actue Thrombocytopenic Purpura, Refractory Anemia, Congenital Disease, Congestive Heart Failure, Wilson's Disease, Hemochromatosis and Arteriosclerosis.
Progress Report - January 27, 1956

Bn-14 Bruner, H. D., Emory University
Fourteenth Quarterly Report. June 15, 1956
Biological Studies on the Distribution of Radioactive Metals with Special Reference to Damaging Levels of Tissue Concentration.

Boo-1 Booker, D. V.
Radio-Caesium in Dried Milk
A.E.R.E. HP/R 2183 (1957)

Bs-8 Hackett, P. L., T. W. Galbraith, C. A. Bennett and L. K. Bustad
Changes in Blood Constituents in Sheep Following Prolonged Daily Administration of Iodine-131
HW-48743 (1957)

Cl-6 Bryamt. F. J., A. C. Chamberlain, A. Morgan and G. S. Spicer
Radiostrontium in Soil, Grass, Milk and Bone in the United Kingdom. 1956 Results.
A.E.R.E. HP/R 2353 (1957)

Cl-7 Bryant, F. J., A. C. Chamberlain, A. Morgan and G. S. Spicer
Radioactive Strontium in Soil, Grass, Milk and Bone
Lancet Vol II for 1957, No. 7002, 942 (1957)

Fr-8 Friedell, H. L. and P. R. Salerno
The Potentiated Lethal Action of Radioisotopes Used in Combination
International Conference on the Peaceful Uses of Atomic Energy held at Geneva Switzerland, August, 1955. Volume 11: 165-168
Paper number P/75

Hu-15 Hursh, John B., L. T. Steadman, W. B. Looney, and M. Colodzin
The Excretion of Thorium and Thorium Daughters after Thorotrast Administration
Acta Radiol. 47; 481-498 (1957)

Lib-7 Libby, Willard F.
Radioactive Fallout
Proceedings of the National Academy of Sciences, U.S. 43: 758-775 (1957)

Md-17 MacDonald, Norman S., Ralph E. Nusbaum, George V. Alexander, Florita Ezmirlian, Patricia Spain and Donald E. Rounds
The Skeletal Deposition of Yttrium
Journal of Biological Chemistry 195: 837-841 (1952)

Sa-17 Stannard, J. N.
Letter to Dr. Karl Z. Morgan. December 2, 1957.

Sco-5 Smith, Geneva A. and James K. Scott
Metabolism of Indium II. The Distribution and Excretion of Indium-114m Administered to the Rat by Subcutaneous Injection
UR-507 (October 18, 1957)

Shw-1 Shaw, Paul A.
Toxicity, Distribution and Excretion of Thallium
Proceedings of the Society for Experimental Biology and Medicine 30: 488-489 (1932-1933)

War-1 Ward, A. H.
Retention and Excretion of Radiostrontium in Monkeys
Journal of Nuclear Energy 5: 192-202 (1957

BIBLIOGRAPHY

(Indexed by Authors)

Abbatt, John D.
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Abrahmson, L.
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Borasky, R.
Kt-10

Born, H. J.
Tf-1

Borsook, Henry
Bor-1
Bor-2

Bostrom, Henry
Bos-1
Bos-2
Bos-3
Bos-4
Bos-5
En-1

Botset, H. G.
Bot-1

Bovington, Mary Sue
Tho-1

Bowers, John Z.
Bz-1
Ln-7

Bowes, Joane H.
Bow-1
Bow-2

Bowman, D. K.
Ti-2

Boxer, George E.
Bo-1

Boyd, G. A.
Co-16
Fi-5
Fi-8

Boyd, E. S.
Nu-5

Boyd, M. John
Ws-1

Boyd, T. C.
Boy-1
Boy-2

Boyden, Ruth
Ej-4

Bradley, William R.
By-1

Brandt, A. E.
Ho-3

Braude, R.
Bra-1

Brady, Frederick J.
Cw-1
Cw-2
Cw-3

Braymen, W. H.
Ph-5
Ph-6

Bridge, Edward
McI-1

Britten, R. H.
Iv-1

Brock, John F.
Ht-5

Brudevold, Finn
Ho-17

Bruner, Frank H.
To-1

Brodie, B. B.
Wc-1
Wc-2

Broido, A.
Fin-1

Bronner, Felix
Bro-1
Bro-2
Dd-8

Brothers, Milton
Ls-5
Ls-8

Brown, Ellis V.
Mh-1

Brown, Herman
Kol-1

Brown-Grant, K.
Brw-1

Browning, R. L.
Kt-3

Brucer, Marshall
Bm-1
Bm-2
Ki-1
Ky-3
Ky-9

Bruckmann, Gerhard
Bru-1

Brudevold, Finn
Brd-1
Brd-2

Brues, Austin M.
Br-1 through Br-53
Dc-1
Fk-5
Fk-9
Ja-4
Lb-3
Li-2

Bruner, H. D.
Bn-1
Bn-2
Bn-3
Bn-4
Bn-5
Bn-6
Bn-7
Bn-8
Bn-9
Bn-10
Bn-11
Bn-12
Bn-13 Bn-14
Bm-1
Pk-2

Bryan, Carl E.
Sk-1
Sk-4

Bryant, F. J.
Cl-3
Cl-4
Cl-5
Cl-6
Cl-7

Buchanan, Donald L.
Bd-1
Bd-2
Bd-3
Bd-4
Bd-5
Br-26
Br-29
Br-35
Br-36
Br-37
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Buchanan, G. S.
Sv-1

Buchanan, Oliver H.
Blo-1
Blo-2
Blo-3

Buchman, Edwin R.
Bor-2

Buckley, Harold D.
Ray-1

Bucknell, Monamy
Ht-6

Bulkey, George J.
Bul-1

Bunch, R. F.
Am-1

Bunker, J. W. M.
Ea-1

Burch, George E.
Fo-1
Lov-1
Lov-2
Ov-1
Tr-1
Tr-2
Tr-3
Tr-4
Tr-5
Tr-6
Tr-7
Tr-8

Burch, P. R. J.
Spi-1

Burkey, Roland E.
Ck-8

Burn, J. H.
Brn-1

Burnot, F. R.
Bur-1

Busch, Elizabeth
Ln-3

Bush, J. A.
Wi-1

Bustad, Leo K.
Bs-1
Bs-2
Bs-3
Bs-4
Bs-5
Bs-6
Bs-7 Bs-8
Hy-4
Hy-5
Kt-2
Kt-3
Kt-7
Kt-9
Kt-10
Kt-11
Ph-3
Ph-5
Ph-6

Buster, D. S.
Stn-3

Butt, Edward M.
Bg-1 Bg-4
Bg-2 Bg-5
Bg-3

Butts, Allison
Ck-5

Cadwell, Sidney M.
Dew-1

Calhoun, J. Alfred
Au-3

Calkins, M. C.
Sco-4

Callender, Sheila T.
Bad-1
Db-2
Db-4

Calvery, Herbert O.
Cal-1

Calvin, M.
Ha-19

Campbell, Evan
Hv-1

Campbell, I. G.
Cm-1

Campbell, Irene R.
Ck-6

Campbell, J. E.
At-13
Cm-2

Campbell, W. W.
Gr-2
Gr-3
Gr-14

Cannan, Paul R.
Jl-1

Cantril, S. T.
Ni-2

Capot, Lucien
Tru-1

Carlsson, A.
Bau-3
Bau-5
Bau-9
Bau-10
Bau-11
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Bau-12
Bau-13
Bau-14
Bau-15
Cs-1

Carlson, A. B.
Nu-8

Carter, Anne C.
Sho-1

Carter, Robert E.
Ln-2
Ln-3

Cartwright, G. E.
McE-1
Wi-1
Wi-2
Wi-3

Casarett, G. W.
Al-1
Ca-1
Ca-3

Casarett, Louis J.
Ca-2
Ca-4
Sa-5
Sa-11
Sm-1

Case, A. C.
Kt-4

Cass, Jules S.
Ck-6

Castagnou, Robert
Pao-1

Caster, W. O.
Cas-1

Catsch, A.
Cat-1
Cat-2

Catterson, Duane A.
Ai-1

Cember, Hermann
Ce-1
Ce-2

Cerecedo, Leopold R.
Mh-1

Chadwick, R. C.
Cl-1
Cl-5

Chaikoff, I. L.
Ci-1
Ci-2
Ja-2
Jo-3
Ha-9
Ha-50
Pm-1
Pm-2
Sn-1
Sn-2
Sn-3
Sn-4
Sn-5

Chakraborty, K. P.
Cha-1

Chamberlain, A. C.
Cl-1
Cl-2
Cl-3
Cl-4
Cl-5
Cl-6
Cl-7

Charles, Martin L.
Ls-11

Chase, M. J.
Ha-57

Chavin, Walter
Br-45

Chen, Phillip S., Jr.
Ho-16
Nu-9

Chiba, Mikito
It-1

Chievitz, O.
He-3

Chin, Shinto
Ak-1

Cholak, Jacob
Ck-1
Ck-2
Ck-3
Ck-4
Ck-5
Ck-6
Ck-7
Ck-8
Kh-1
Kh-2
Kh-3
Kh-4
Kh-5
Kh-6
Kh-7
Kh-8
Kh-9

Christiansen, I. A.
He-2

Christie, James H.
Fr-6
Km-1

Christopherson, William M.
Ky-2 Ky-9
Ky-3

Chuiko, V. T.
Cv-1

Churchly, J.
Yo-1

Citre, R. G.
Ps-3

Clark, I.
Op-1

Clark, John W.
Br-45

Clarke, W. J.
Hy-4
Hy-5
Kt-10

Clemedson, C. J.
En-2

Close, Harold George
Clo-1

Cloudman, A. M.
Br-13
Br-36
Br-43

Cochran, K. W.
Cr-1
Cr-2
Do-2

Cohen, J.
Ros-4

Cohn, S. H.
Br-5
Br-35
Cn-1
Rs-2

Cohn, W. E.
Gr-4
Gr-7
Gr-10

Cole, H. N.
Sl-2
Sl-3

Coleman, E. J.
Doc-1

Colodzin, Martin
Lb-7
Lb-10
Lb-12
Hu-15

Comar, C. L.
Co-1 through Co-39
McE-1

Comel, M.
Com-1
Com-2

Comstock, Carl
Mf-1

Congdon, Charles C.
Lr-3

Conlon, Philip
Mr-3

Conn, Lillian W.
Con-1

Connor, C. L.
La-5

Connor, Jane
Kc-1

Conway, E. J.
Cow-1

Cook, G. B.
Har-3

Cook, Mary Jane
Hu-4
Hu-5
Ln-5
Ma-1
Ma-2
Ti-2
Ti-4
Ti-5
Ti-6

Cook, S. F.
So-4

Coon, Julius M.
Cr-2
Do-2
Su-1
Su-2
Su-3

Cooper, John A. D.
Bul-1

Cooper, A. R.
Fs-2
Fs-3

Cooper, L. F.
Cp-1

Copp, Harold
Cd-1
Cd-2
Cd-3
Ha-5
Ha-7
Ha-13
Ha-40
Ha-41
Ha-57
Ha-58
Ha-64
Gr-1
Gr-5
Gr-6
Gr-11
Ha-38

Cornfield, Jerome
Br-10
Cor-1

Cowgill, George R.
Hor-1

Cowie, Dean B.
Cs-4
Cw-1
Cw-2
Cw-3

Cowing, R. F.
Wr-1
Wr-2

Cox, Alvin J., Jr.
Cox-1

Cox, Gerald J.
Scw-1

Cotzias, George C.
May-1

Craig, R. A.
Br-14

Cramer, C.
Ha-41

Crandall, Lathan A., Jr.
Cra-1

Crespi, Henry L.
Br-45

Cress, Edgar A.
Ky-6
Ky-7

Crispell, K. R.
Pw-1

Crowell, Charles D., Jr.
Ho-12

Crowley, Josephine
Ha-8
Ha-9
Ha-23
Ha-27
Ha-53
Ha-91
Ha-92
Ha-93
Ha-88
Ha-89
Ha-85
Ha-86
Ha-38
Ha-84

Cruickshank, D. B.
Cu-1

Cullen, George
Ar-2

Cumings, J. N.
Cg-1
Cg-2

Curtis, H. J.
Bl-2
Bl-3

Cuthbertson, E. M.
Gr-1
Ha-57

Cuthbertson, W. F. J.
Ct-1
Ct-2

Czajka, Dorice
Br-45
Br-49
Br-53

Daigneault, Ernest
Ky-4

Dailey, Mary
Ab-6
Ab-7
Sn-3

Dale, Peter P.
Dal-1

D'Angelo, S. A.
Dn-1

Daniel, Esther Peterson
Di-1
Di-2

Darby, William J.
Hn-2

d'Argent, C. S.
Rp-1

Datta, N. C.
Dt-1

Daudel, Pascaline
Fj-1

Davis, Francis J.
Da-1

Davis, G. K.
Co-2
Co-4
Co-5
Co-6
Co-10
Co-11
Co-20
Co-22 Co-38
Dv-1
Fe-1
Fe-2
McE-1
Wl-1

Davis, R. K.
At-15

De, N. K.
Boy-2
Den-1

Deane, Norman
Dr-1
Dr-2

Dearborn, Earl H.
Dea-1

Decker, C. F.
Br-45

DeLacio, Agatha M.
Mb-1

Della Rosa, R. J.
Bh-2
Ca-4
Del-1
Sa-5
Sa-8
Sm-1

DeLong, Chester W.
Dl-1
Kt-4
Ph-5
Ph-6
Th-8

DeMeio, R. H.
De-1
De-2

Denko, Charles W.
Dek-1

Derby, Stanley
Gol-1

deRubies, S. P.
Rp-1

Dessauer, Gerhard
Ho-13

Devick, Rhoda
Wr-5

Devis, R.
Lac-2

DeVoldre, J. J.
Sco-4

Devriendt
Pag-1

DeWitt, Lydia M.
Dew-1

Deysach, L. J.
Ry-1

Dick, A. T.
Dic-1
Dic-2
McE-3

DiDio, S. L.
Bg-2

Di Ferrante, Nicola
Dd-8

DiPasqua, A.
Bek-1
Bek-2

DiStefano, E.
DiS-1

Di Vittorio, Alberta
Br-36

Dixon, F. J.
Wr-3

Dixon, Theodore Frederic
Dx-1

Doan, C. A.
Sg-1

Dobson, R. Lowery
Rs-2

Dockum, N. L.
Bs-2
Doc-1
Kt-10
Kt-11
Ph-3
Ph-5

Dolan, Margery
Kg-1

Doniach, I.
Don-1

Dongier, M.
Dog-1

Dougherty, Jean H.
Bz-1

Doull, John
Cr-1
Cr-2
Do-1
Do-2
Do-3
Su-1
Su-2
Su-3

Dounce, A. L.
Nu-8

Dowdy, Andrew
Dw-1
Dw-2

Downing, V.
Ho-5

Downs, W. L.
Bh-6
Ho-4
Ho-11

Drake, T. G. H.
Tis-1

Drea, W. F.
Boi-1

Drinker, Cecil K.
Dri-1
Fa-5

Drinker, Katherine R.
Fa-5

Drury, Douglas R.
Dru-1

Dubach, Reubenia
Db-1
Db-2
Db-3
Db-4
Db-5

DuBois, K. P.
Cr-1
Cr-2
Do-1
Do-2
Do-3
Mx-5
Su-1
Su-2
Su-3

Duckworth, J.
Dk-1

Ducoff, Howard
Br-5
Br-10
Dc-1

Dudley, H. C.
Du-1 through Du-19

Dudley, R. A.
Dy-1

Duffy, B. J., Jr.
Hd-2

Dunlap, C. E.
Ea-7

Dunn, Raymond M.
Ha-21

Dunning, Gordon M.
Dun-1

DuPont, Octavia
Wr-4

Durbin, Patricia W.
Dur-1
Dur-2
Ha-29
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Ha-31
Ha-32
Ha-33
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Ha-43
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Ha-44
Ha-48
Ha-49
Ha-63
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Ha-76
Ha-77
Ha-80
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Ha-97
Ha-98
Ha-101
Ha-102

Dutron, F. R.
As-1

Dyson, E. D.
Cl-2

Dziewiatkowski, Dominic D.
Dd-1
Dd-2
Dd-3
Dd-4
Dd-5
Dd-6
Dd-7
Dd-8
Dd-9

Easton, Thomas W.
Et-1

Ebbert, Arthur, Jr.
Pw-1

Eckelmann, Walter R.
Kp-2

Edington, G. M.
Eg-1
Eg-2
Eg-3

Egashira, Yasuyuki
Ega-1

Eggleton, William George Elford
Ew-1
Ew-2

Eichorn, Karl B.
Ha-73

Eisenberg, Bernard
Ai-2

Eisenbud, Merril
Ei-1
Ei-2
Ei-3
Ei-4
Ei-5

Ekstein, D. M.
Ls-3

Eldjarn, Lorentz
Ny-1

Eldridge, James S.
Tyo-1

Elelman, I. S.
Em-1
Em-2
Sd-1

Elftman, Alice G.
Ef-1

Elftman, Herbert
Ef-1

Eliasoph, Joan
Mah-1

Ellerbrook, Lester
Ge-3

Elvehjem, C. A.
Ej-1
Ej-2
Ej-3
Ej-4
Ej-5
Ne-1

Ely, J. O.
El-1

Emerson, R. J.
Ph-5
Ph-6

Emery, E. W.
Ey-1

Engeles, Alfred
Mau-1
Mau-2
Mau-3

Engfeldt, B.
En-1
En-2
En-3

English, J. A.
Du-11

Engstrom, A.
En-1
En-2

Entenman, C.
Ha-9
Ha-50

Erf, L. A.
La-7
So-5

Essex, H. E.
McK-1

Ettori, Jean
Mai-1
Mai-2
Mai-3
Mai-4
Mai-5

Evans, H. B.
No-3

Evans, R. D.
Au-4
Ea-1 through Ea-10
Mr-1

Everett, J. L.
Bee-1

Everett, Mark R.
Ev-1

Ezmirlian, Florita
Md-1
Md-2
Md-4
Md-5
Md-6
Md-7
Md-8
Md-9
Md-10
Md-15
Md-17

Failla, G.
St-1

Fairhall, Lawrence T.
Au-1
Fa-1
Fa-2
Fa-3
Fa-4
Fa-5
Fa-6

Fajerman, Henri
Fj-1

Falkenheim, Marlene
Ho-6
Ho-13

Faraghan, William G.
No-5
No-8

Farran, Helen E. A.
Sin-1

Feaster, J. P.
Fe-1
Fe-2

Featherstone, R. M.
Fea-1
Fea-2

Fenn, W. O.
Nt-1

Fentress, S. D.
Ti-4
Ti-5
Ti-6

Ferneau, Ivan F.
Mc-2

Ferretti, R.
Ni-2

Ferroux, R.
Lc-3

Finch, Clement A.
Flu-1
Stv-2

Findlay, D.
Fd-1

Fink, Robert M.
Fi-1 through Fi-11

Fink, Sidney
May-2

Finkel, Asher J.
Br-45
Rs-2

Finkel, Miriam P.
Br-4
Br-5
Br-6
Br-7
Br-12
Br-15
Br-16
Br-18
Br-20
Br-21
Br-22
Br-28
Br-29
Br-39
Br-40
Br-41
Br-42
Br-43
Br-44
Br-45
Br-46
Br-49
Br-50
Br-53
Fk-1 through Fk-11
Li-2
Li-3
Li-4
Se-3

Finkle, Raymond D.
Ab-5
At-11
Fin-1
Fin-2
Fin-3

Finnegan, C.
For-1

Fischer, Mary I.
Mw-1
Mw-2
Mw-3
Mw-4
Mw-6

Fisher, A. M.
Sct-1

Fisher, Harvey
Ha-9
Ha-93
Ja-5

Fisher, William R.
Ln-17

Fishler, M.
Ha-9
Ha-50

Fitzhugh, O. G.
Fz-1

Fleming, R. W.
Nu-8

Flinn, F. B.
Fl-1
Fl-2
St-4

Flood, J. C.
Cow-1

Floyd, R. L.
Vd-2
Vd-4

Fluharty, Rex G.
Flu-1
Ve-2

Flynn, R. J.
Br-32
Br-45
Br-53

Foland, William D.
Ti-1
Ti-2
Ti-4
Ti-5
Ti-6

Follis, Richard H., Jr.
Fh-1

Forbes, Gilbert B.
Fs-1
Fs-4

Forbes, R. M.
Fs-2
Fs-3
Fs-5

Forbush, Scott
Cw-4

Foreman, H.
For-1
Ha-54
Ha-86
Ha-89
Rs-2

Foreman, Nadine
Ha-16

Forker, Lyman L.
Ab-1
Ab-2

Forkner, C. E.
Sg-1

Forney, Robert B.
Fo-1

Fowler, Richard C.
Ho-13

Fowler, W. M.
Fow-1
Fow-2

Fowweather, F. S.
Fw-1

Fox, F. W.
Wk-1

Franke, Kurt W.
Mx-3

Frant, S.
Ft-1

Fradkin, G. E.
Fra-1

Frederick, William G.
By-1
McC-1

Fredrickson, Donald S.
Fre-1

Free, Audrey A.
Bra-1
Ct-1

Freedberg, A. Stone
Zi-1
Zi-2
Zi-3

Freerkson, E.
Frk-1

Freundlich, H. F.
Je-1

Freyberg, R. H.
Blo-1
Blo-2
Blo-3

Friberg, Lars
Fb-1
Fb-2
Fb-3

Friberg, Ulf
Bos-3

Fried, Joan F.
Br-28

Friedberg, Felix
Gr-16
Ta-3

Friedell, Hymer
Fr-1 Fr-8
Fr-2
Fr-3
Fr-4
Fr-5
Fr-6
Fr-7

Friis-Hansen, B. J.
Sd-1

Froescher, F. M.
Gr-18

Fulton, J. F.
Hl-1

Funk, H. J.
Fun-1

Furchner, John
Sto-1

Furth, Jacob
Fu-1

Fuyat, H. N.
Ra-1

Guestimate
G

Gabrieli, E. R.
Ga-1

Gaitonde, M. K.
Gt-1

Galakhova, V. N.
Vr-1

Galbraith, T. W.
Ph-5 Bs-8
Ph-6

Gallagher, D. M.
Au-4

Gallimore, J. C.
Ber-2

Gammel, J. A.
Sl-2

Ganong, William F.
Fre-1

Gangnly, H. D.
Bag-1

Gardell, Sven
Bos-4

Gardner, D. E.
Bh-2
Bh-6
Brd-2
Ho-16

Gardiner, Donald
Br-4

Garrison, Warren M.
Ha-38
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Ha-60

Gates, A. A.
Hu-1
Hu-9
Hu-10

Gautier, Mrs. R.
Jt-1

Gavett, Elizabeth
Go-13

Gavigan, Francis
Bh-2

Gee, Margaret
Ha-29
Ha-32
Ha-33
Ha-34
Ha-35
Ha-36

George, Lynn A.
Bs-3
Bs-4
Bs-5
Bs-7
Kt-2
Kt-3
Kt-7
Kt-9
Kt-10
Kt-11
Pl-3

George, Robert S.
Mb-1

Geschickter, C. F.
To-2

Gettler, A. O.
Ge-1
Ge-2
Ge-3

Getzendaner, M. E.
Kt-4

Gibson, John G., II
Brw-1
Flu-1
Ve-2
Ve-3

Gilbert, I. G. F.
Bel-1

Gilman, Alfred
Gd-1

Gilmour, T. C.
Bg-2

Ginn, James T.
Ho-13

Ginori, S. S.
Gu-1

Ginsburg, J.
Gs-1
Ww-2

Glass, Bentley
McE-1
McE-2
McE-3

Gleason, G. I.
Ky-6
Tb-1

Glendening, B. L.
Gi-1

Glock, G. E.
Gl-1

Godwin, John T.
She-3

Goff, O. E.
Co-23

Goldberg, R. C.
Ci-1

Goldblum, Raymond W.
Gol-1

Goldie, E. A. G.
Po-2

Goldman, Arthur
Ls-11

Goldthorpe, H. C.
Stn-3

Goldwater, Leonard J.
Gw-1

Gomberg, Henry J.
Bj-1

Gong, J. K.
Cn-1

Goodman, Louis S.
Gd-1

Gorbman, Aubrey
Gm-1

Gordon, Edgar S.
Maa-1

Gordon, M. A.
Sb-1

Gordon, W. H.
Ov-1

Gordonoff, T.
Mid-1

Goss, Donald M.
Ws-1

Goto, Hiroshi
Kik-1
Kik-2
Kik-3

Gould, R. G.
Gc-1

Gould, Thelma C.
Gu-1
Gu-2
Gu-3

Govaerts, J.
Gv-1
Ha-15

Grace, Edwin J.
Rs-1

Gray, J.
Ml-1
Pk-2

Grebe, Siegfried Franz
Gb-1

Greenberg, David M.
Ab-1
Ab-2
Gr-1 through Gr-18
Ha-50
Ha-57
Ta-3

Greenberg, Joseph
Du-18
Ls-2
Ls-4
Ls-10

Greenstein, Jesse P.
Br-51

Greif, Roger L.
Gre-1

Greulich, Richard C.
Leb-2

Grier, Robert S.
Ln-7

Griffith, George C.
Bg-1 Bg-5

Grodzenskii, D. E.
Grd-1

Groen, Juda
Grn-1

Gross, E. G.
Fea-1
Fea-2

Gross, Warren J.
Go-1
Go-2

Grove, E. L.
Gro-1

Grucci, T.
Ce-2

Grundhauser, W.
Li-2

Guareschi, Pietro
Mor-1

Gubler, C. J.
Gub-1
Wi-1
Wi-2
Wi-3

Gubeli, O.
Boa-1

Gude, W. D.

Guelbenzu, M. Dean
San-1

Guidotti, G.
Gg-1

Gunn, S. A.
Gu-1
Gu-2
Gu-3

Gunther, Ralph L.
Jo-1

Gurian, Joan
Br-25
Br-47

Gustafson, Phillip F.
Br-6
Br-14
Br-29
Br-39
Br-40
Br-44
Br-49
Mn-3
Mn-4
Mn-9
Mn-11
No-7
Ros-1
Ros-2
Rs-2

Gyorgy, Paul
Wj-1

Hackett, Patricia L.
Hy-4 Bs-8
Hy-5
Kt-10
Kt-11
Ph-3
Ph-5

Haddow, Alexander
Br-51

Haege, Lorraine
Nt-1

Hahn, Paul F.
Hn-1 through Hn-7

Haigh, C. P.
Hai-1

Haines, S. F.
Ke-1

Hall, R. H.
Bh-6

Ham. Mary P.
Ham-1
Ham-2
Ham-3

Hamilton, Joseph G.
Ha-1 through Ha-102
La-1
La-2
La-6

Hamilton, T. S.
Mu-5

Hansard, Sam L.
Co-11
Co-14
Co-20
Co-27
Fe-1
Fe-2
Kas-1

Hanson, W. C.
Kt-3

Hardy, Edward P.
Ei-5

Hardy, Harriet L.
Ln-16

Hare, E. H.
Hai-1

Harley, John H.
Ei-3
Ei-4
Ei-5

Harp, M. J.
Hp-1

Harrell, George T.
Ai-2

Harrington, R. V.
Low-1

Harris, P. S.
Ln-2

Harris, Robert S.
Bro-1
Bro-2
Ea-1
Ea-7

Harrold, Gordon C.
McC-2
McC-3

Harrow, Benjamin
Hw-1

Harrison, G. E.
Har-1
Har-2
Har-3
Har-4
Har-5
Har-6

Harrison, Harold E.
Hr-1
Hr-2

Harrison, Helen C.
Hr-1
Hr-2

Harriss, Eileen B.
Sin-1

Hart, E. B.
Ej-1
Ej-2
Ej-3
Ej-5

Hart, H. E.
Ls-2
Ls-4
Ls-5

Hartzell, Janet
Fr-2

Hashimoto, Tsuyoshi
Tak-1

Hassen, A.
Hc-1
Hc-2

Hasterlik, R. J.
Br-15
Br-18
Br-42
Hs-1
Hs-2
Ja-4
Lb-3

Hastings, A. Baird
Hab-1

Hatch, T. F.
Ce-2

Hathaway, E. A.
Mn-9
Rs-2

Hayani, Hiroshi
Hay-1

Hayes, R. L.
Co-34

Haymond, Herman R.
Ha-90

Healy, Jack W.
Hy-1 through Hy-6
Kt-1

Heath, J. C.
Hea-1

Heffter, A.
Heu-1

Hegsted, D. Mark
Dri-1
Stv-2

Heidelberger, C.
Ha-19

Heine, W.
Hb-1

Heinrich, Max, Jr.
Hei-1

Heller, D. A.
Ha-58
Ha-60
Ha-65

Helwig, Harold L.
Ash-1

Hemenway, Marilyn
Ha-19
Ha-31

Hempelmann, Louis H.
Hem-1
Mr-1

Henderson, Ann
Ha-77

Hendrych, Franz
Heu-1

Henriques, F. C., Jr.
De-1

Henry, Kathleen M.
Tom-1
Tom-2

Henry, Katherine
Du-5
Du-6
Hen-1

Herde, K. E.
Bs-3
Bs-7
Ph-5

Herrick, J. F.
Jm-1

Hertz, S.
Ea-6
Ea-8

Heubner, W.
Heu-1

Heussner, C. E.
McC-2

Hevesy, George
He-1
He-2
He-3

Hewston, Elizabeth M.
Di-2

Heyroth, Francis F.
Ck-5

Heyrovsky, A.
Hey-1

Hibbs, R. F.
Hi-1

Higgins, George M.
Jm-1

Hill, C. Ruth

Hill, Frederick C.
Sac-1

Hill, R.
Dk-1
Hil-1

Hiramatau, Yosio
It-1

Hirsch, Gertrude
Br-4
Br-5
Br-16
Br-18
Br-39
Br-40
Br-44
Se-3
Fk-1
Fk-2

Hitchcock, C. R.
Kre-1

Hittle, Ina
Fr-2

Hjertquist, S. O.
En-3

Hodge, Harold C.
Ho-1 through Ho-17
Nu-5
Vo-1

Hodges, R. H.
Md-2

Hoecker, F. E.
Hk-1 through Hk-7

Hoffbauer, F. W.
Br-8

Hoffman, M. M.
Dog-1

Hogness, John R.
Ro-1

Hollcroft, Joanne W.
Br-10
Br-38
Lr-3
Lr-4

Hollis, O. L.
Kt-2
Kt-3
Kt-11
Ph-3
Th-15
Th-17
Th-20

Holloway, B. J.
Br-7
Br-46

Holmes, A. V.
Sn-3

Holmes, R.
Ey-1

Holt, P. F.
Hol-1
Hol-2
Hol-3

Holtkamp, Dorsey E.
Hil-1

Hood, S. L.
Co-10
Co-12

Hoover, Reynold L.
Hv-1

Horne, R.
At-14

Horstman, V. G.
Hy-4
Hy-5
Kt-10
Kt-11

Horwitt, M. K.
Hor-1

Hove, E.
Ej-1
Ej-2

Howard, John E.
How-1

Howard, R. L.
Sl-2

Howland, J. W.
Hd-1
Hd-2

Hubbard, D. M.
As-1
Ck-2
Ck-3
Ck-8
Kh-3

Hudson, J. Cramer
Au-3

Hughes, Rita
Sac-1

Hughes, Robert M.
Md-5

Hume, David M.
Fre-1

Humphries, R. E.
Mr-2

Hungate, F. P.
Kt-10

Hunter, Donald
Ht-3
Ht-5
Ht-6

Hunter, F. T.
Ht-1
Ht-2

Hunter, R. B.
Ht-4

Hunter, S. W.
Kre-1

Hursch, John B.
Bh-2
Hu-1 through Hu-15
Hv-1
Lb-10
Nu-5

Hyde, G. M.
Bni-5

Hyman, Arthur B.
Wit-1

Hyslop, Frances
Fa-2

Ikariyama, N.
Ok-1

Ilcewicz, F. I.
Ros-1
Ros-2
Ros-3

Ilin, D. I.
Mos-3

Imirie, G. W.
Du-12

Ingalls, Ruth L.
In-1

Inoue, Katashi
Io-1

Irvine, J. W., Jr.
Ht-1

Irving, J. T.
Wk-1

Irwin, D.
Kg-4

Istock, J. T.
Du-12

Ito, Yosoji
It-1

Ives, J. E.
Iv-1

Iverson, K.
Ack-1

Jackson, E. G.
Je-1

Jackson, Melvin L.
Jk-1

Jackson, S. H.
Tis-1

Jacob, A.
Jb-1

Jacobs, Gloria S.
Gre-1

Jacobson, Leon
Ab-2
Dc-1
Fin-2
Ha-9
Ja-1 through Ja-6

Jacobson, Louis
Ha-100

Jaffe, Bertha
See-1

James, A. H.
Em-1
Em-2

Janes, Joseph M.
Jm-1

Jech, Cestmir
Jc-1

Jee, W. S. S.
Ac-3
Ac-6
Stn-3

Jeffrey, M. R.
Je-1

Jennings, F. L.
Br-18

Jennings, Robert B.
Kra-1
Kra-2

Jeung, Nylan
Ha-29
Ha-34
Ha-35
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Johnson, Arnold H.
Con-1

Johnson, Helen
Ha-90

Johnson, K.
Ac-6

Johnson, O.
For-1
Ln-3

Johnston, Frances A.
In-1

Johnston, J. E.
Ha-98

Johnston, Muriel S.
Ha-29
Ha-35
Ha-48
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Ha-63
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Johnston, Perry M.
Co-30

Johnston, W. H.
Ste-1

Joiner, E. E.
Bni-5

Jolley, W. P.
At-14

Jolliffe, Norman
Jl-1

Jones, D. C.
Cd-2
Cd-3
Ha-41

Jones, Hardin B.
Ha-15
Ha-19
Jo-1
Jo-2
Jo-3
La-6
Sn-2

Jones, H. G.
Har-6
Jn-1

Jost, Leonard
Js-1

Jowsey, Jenifer
Jy-1
Jy-2
Jy-3
Jy-4
Jy-5
Ros-1
Ros-4
Rs-2
Tm-3
Tm-4
Tm-5

Joyet, G.
Jt-1

Judd, J. M.
Eg-1
Eg-2
Eg-3

Jue, Berniece
Ha-38
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Kamen, Martin D.
Ka-1

Kaminskaya, S. E.
Kk-1
Kk-2

Kansas State College of Agriculture and Applied Science
Kas-1

Kaplan, M.
Ha-50

Karnofsky, Davis
Bc-1

Kaser, M. M.
Hn-2

Kashchenko, L. A.
Kal-1

Katz, Joseph
Br-46
Kt-1
Kt-3
Kt-4
Kt-5
Kt-6
Kt-8
Kt-9
Ph-1
Ph-5
Ph-6
Th-1
Th-23

Kawin, B.
Hy-4
Hy-5
Kt-10
Kt-11
Kw-1
Rs-2
Ha-7

Kaylor, C. T.
Vc-1
Vc-3
Vc-4

Keating, F. R., Jr.
Ke-1

Kehoe, Robert A.
Ck-6
Kh-1 through Kh-9

Keighley, Geoffrey
Bor-1

Keller, N.
Stn-2
Stn-3

Kelly, Frank J.
Tr-6

Kelsey, F. E.
Hei-1

Kenney, J. M.
Mn-6

Kent, N. L.
Kn-1
Kn-2

Kent, P. W.
Jy-5

Keyanonda, P.
Bz-1

Kidman, Barbara
Tm-2
Tm-6
Tm-7
Tm-8
Tm-9
Tm-11

Kikuchi, Takehiko
Kik-1
Kik-2
Kik-3
Kik-4
Io-1

Kilpatrick, R.
Kil-1

Kimball, Charles P.
Fi-3

Kinard, F. W.
Kin-1
Kin-2
Kin-3

Kincaid, John F.
Sun-1
Sun-2

King, Earl J.
Kg-1 through Kg-5

King, E. Richard
Du-10
Ki-1
Pk-1
Pk-2

Kinney, Ethel May
Kv-1

Kinser, C. A.
Mu-5

Kip, A. F.
Ht-1
Ht-2

Kirman, Brian H.
Lou-1

Kisieleski, Walter
At-10
Br-5
Br-6
Br-15
Br-16
Br-36
Fin-1
Fin-2
Fin-3
Fk-2
Li-1
No-1
No-5
No-8
Pa-3
Rs-2

Kittle, Frederick
Ki-1

Kleeman, I.
Ft-1

Kleiber, Max
Kas-1
Kb-1
Lf-1

Klein, Erich
Kle-1

Kleiner, Israel
Kl-1

Klipfel, Florence J.
Br-45
Br-46

Knef, J. P.
Mr-3

Kniseley, Ralph M.
Ky-5
Ad-1

Knowles, F. L.
Iv-1

Ko, Ray
Kor-1

Koch, Henry J., Jr.
Kc-1
Kc-2

Kokubu, Nobuhide
Mat-1

Koletsky, Simon
Fr-7
Km-1

Kolmer, John A.
Kol-1

Kon, S. K.
Hen-1
Tom-1
Tom-2

Kono, Tsuysohi
Kik-1
Kik-2
Kik-3

Korman, Samuel
Ls-11

LaBelle, C. W.
Bh-6

Lacassagne, M. Antoine
Lc-1 through Lc-7

Lacroix, M. P.
Lac-1
Lac-2

Lajmanovich, Simon
Lj-1

Lamar, William L.
Hv-1

Lamerton, L. F.
Bel-1
Sin-1

Lampe, Isadore
Bj-1

Lanford, C. S.
Shr-1

Lang, Frederick R.
Lan-1

Lange, K.
Ea-3

Langecker, Hedwig
Heu-1

Langeron
Pag-1

Langham, Wright H.
An-3
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Ln-1 through Ln-17
Ro-1

Lanz, H. C.
Ha-8
Ha-11
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Ha-47
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Lz-1

Lapp, Ralph E.
Lp-1
Lp-2

Larcebeau, Suzanne
Pao-1

Largent, E. J.
As-1
Mc-1
Mc-2
Kh-8
Kh-9

Larson, Frank C.
Maa-1

LaRue, H. C.
Du-1

Laskin, S.
Bh-6

Laszlo, Daniel
Ls-1 through Ls-11
Rs-2

Lathrop, K. A.
At-11
Br-28

Lattes, J. Samuel
Lc-1
Lc-2
Lc-4

Lattes, Jeanne S.
Lc-5
Lc-6

Lauterbach, K. E.
Bh-6

Lavedan, J.
Lc-5

La Violette, Duane
Ray-1
Ray-2

Lawrence, Blanche J.
Fin-2
No-2
No-4

Kornberg, Harry A.
Kt-1
Kt-2
Kt-3
Kt-8
Kt-9
Kt-10
Kt-11
Bs-3
Pal-2
Ph-1
Ph-5
Ph-6
Th-8
Th-14

Kosel, George
Ao-1

Koss, William F.
Ho-13

Kotzareff, A.
Ko-1
Ko-2

Koziol, Janet
Tn-3

Kraintz, Leon
Kri-1

Krakusin, Jacob S.
Kra-1
Kra-2

Kramish, A.
Krm-1

Krause, A. C.
Tu-1

Krebs, Adolf
Kr-1
Kr-2

Kremen, A. J.
Kre-1

Kriss, Joseph P.
Ks-1

Krohmer, Jack S.
Tho-1

Kroll, Harry
Rs-2

Kuga, Masami
Ak-1

Kuhn, U. S. G., III
Co-19

Kulhanek, F. C.
Ros-1

Kulp, Laurence J.
Kp-1
Kp-2

Kulwich, Roman
Co-20
Kul-1
Kul-2

Kuzma, Joseph F.
Aw-2
Aw-3
Kz-1

Krumholz, Louis A.
Ku-1

Kunin, Arthur S.
Dea-1

Kyker, Granvil C.
Ky-1 through Ky-9

Lawrence, John H.
Bni-1
Bni-5
Jo-3
La-1 through La-7
So-3

Lawrence, John S.
Fi-7

Lawrenz, Margaret
Lw-1
Lw-2
Lw-3
Lw-4

Lawton, Alfred H.
Cw-1 through Cw-3

Lea, Lorna
Va-4

Leavell, Gladys
Dew-1

Leblond, C. P.
Leb-1
Leb-2
Fd-1

Ledfeldt, Viola
Str-1

Lee, C. C.
Jy-4

Lee, Helen C.
Bni-3

Lee, J. A.
Go-2

LeGoff, J. M.
Lg-1

Lehman, Robert A.
Spr-1

Lehman, H.
Wd-4

Leifer, Edgar
Ro-1

Lengermann, F. W.
Co-24
Co-28
Co-35

Lerner, Aaron Bunsen
Gol-1

Lerner, Ruth
Ha-38

Lesko, Roman
Br-15
Se-7

Lestina, J.
Br-32
Br-45
Br-49
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Fk-11

Levaditi, C.
Lv-1

Levene, Martin B.
Ad-1

Levine, M. D.
Du-2
Du-4

Levine, Victor E.
Sac-1

Levy, L.
Fea-2

Lewin, Ruth
Ls-2
Ls-3

Lewis, Anne M.
Fs-1

Lewis, S. J.
Le-1

L'Heureux, Maurice V.
Lh-1
Lh-2

Libby, Willard F.
Lib-1 through Lib-7

Lienki, R. I.
Ar-2

Lillie, R. D.
Di-1

Lindenbaum, Arthur
Ar-5
Br-15

Lindow, C. W.
Pt-2

Lindsley, B. F.
Du-6

Lindquist, B.
Bau-3
Bau-9
Bau-10
Bau-11
Bau-12
Bau-13
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Line, Williard R.
Ho-12

Liquier-Milward, J.
Hea-1

Lisco, Herman
Ab-2
Br-5
Br-6
Br-7
Br-10
Br-12
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Br-15
Br-16
Br-20
Br-21
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Br-45
Li-1
Li-2
Li-3
Li-4
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Litovitz, T. A.
To-2

Little, Alexander A.
Lit-1

Little, M. F.
Brd-2

Litvinov, N. H.
Lt-1

Liu, C. H.
Mcm-1

Lofgreen, G. P.
Lf-1

Lofstrom, James E.
Sik-1

Logothetopoulos, J. H.
Don-1

Lohr, E. W.
Ab-1
Ab-4
Lew-1

Lomholt, L.
He-2

Lontie, P.
Lon-1

Loomis, F.
Ha-9

Looney, William B.
Br-15
Br-18
Br-44
Hu-15
Ja-4
Lb-1 through Lb-12

Loosli, J. K.
Vi-1

Lopez de Azcona, J. M.
San-1

Lorenz, Egon
Lr-1
Lr-2
Lr-3
Lr-4
Br-10
Br-38

Lorick, P. C.
Md-14

Lotmar, R.
Boa-1

Lotz, C.
Bni-2

Lotz, Virginia
Pi-1

Lotz, W. E.
Co-16
Co-33

Louie, B. J.
Ha-65

Loutit, J. F.
Har-3
Lou-1

Love, S. K.
Lew-1

Love, W. D.
Lov-1
Lov-2

Low-Beer, B. V. A.
Lo-1
Lo-2

Lowater, F.
Gl-1

Lowry, J. R.
Low-1

Lucas, H. F., Jr.
Br-7
Br-14
Br-48
Ros-1
Ros-2
Ros-3
Ste-1
Ste-3
Ste-4

Luessenhop, A. J.
Ber-2

Lukeras, F. D. W.
Wj-1

Lund, Alf
Ld-1
Ld-2

de Lustig, E. Sacerdote
Mac-1
Mac-2

Lutz, Robert E.
Lu-1

Lux, Hermann
Lx-1

Lynam, William C.
Fr-2

Lynch, D. E.
Ly-1

Lynch, G. Roche
Ly-2

Maass, Alfred R.
Maa-1

Macheboeuf, M.
Beg-2
Beg-3

Machle, Willard
Mc-1
Mc-2

Maddox, G. E.
Du-1
Du-7

Magnin, Pedro Horacio
Lj-1

Mahey, M. E.
Wi-3

Mahoney, J. P.
Wi-1

Maillard, Louis C.
Mai-1 through Mai-5

Majerova, M.
Beo-1

Main, E. R.
Nu-2

Malakar, M. C.
Bp-1
Bp-2

Maletskos, Constantine J.
Bro-1

Mancini, R. E.
Mac-1
Mac-2
Nz-1
Nz-2

Manery, Jeanne F.
Bw-2

Manin, Y.
Lv-1

Manly, Marian L.
Bw-3
Ho-15

Mann, W.
Ho-1
Ho-5

Manning, W. M.
Br-11

Mantegazza, Ambrogio
Man-1

Mariakulandai, A.
Mak-1

Marinelli, Leonidas D.
Mn-1 through Mn-11
Ros-1
Ros-2
Ros-3
Ros-4
Br-14
Br-15
Br-29
Br-39
Br-40
Br-44
Br-49

Marinoni, U.
Vt-1

Marks, S.
Bs-2
Bs-3
Bs-5
Bs-7
Kt-3
Kt-10
Kt-11
Ph-3
Ph-5
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Marrer, H. H.
Du-19

Marshak, A.
Mas-1

Marshak, Richard H.
Mah-1

Marshall, J. E.
Ros-1
Ros-4

Martell, E. A.
Mar-1
Mar-2

Martin, J. B.
Bee-1

Martland, Harrison S., Sr.
Mr-1 through Mr-9

Mascherpa, Pietro
Mp-1

Mason, M. W.
Du-10

Matsuki, Takashi
Kik-3
Kik-4

Matthews, Marion
Lr-3

Mattis, Paul A.
Mt-1
Mt-2
Fr-2

Matuura, Shinnosuke
Mat-1

Maurer, Werner
Mau-1
Mau-2
Mau-3

Mawson, C. A.
Mw-1 through Mw-6

Maynard, E. A.
Bh-6
Ho-4
Ho-9
Ho-11

Maynard, Laurence S.
May-1
May-2

Mays, C. W.
Stn-3

Mazur, Marcella
Cr-1
Cr-2
Do-2

Mealey, John
Mea-1

Means, J. H.
Ea-6

Meek, Stuart F.
McC-2 McC-3

Meissner, J.
Frk-1

Meites, Joseph
Me-1

Merritt, H. H.
Yu-1

Meschan, I.
Od-3
Od-4
Od-5

Messinger, H. B.
Du-10

Meyer, Johanna
Ky-9

Mical, R.
Stn-3

Michael, Joseph
Gr-4
Gr-10

Milanich, V.
Fr-7

Miller, C. E.
Br-15
Br-29
Br-44
Mn-7
Mn-8
Mn-10
Ros-1
Ros-2
Ros-3
Ros-4

Miller, E. J.
Sw-1

Miller, E. R.
Ha-15
Ha-16
Ha-17
Ha-18
Ha-42
Sn-3

Miller, Esther S.
Kt-4

Miller, Russell F.
Mil-1

Milligan, Morris F.
Hv-1

Milton, Reginald
Ht-6

Minder, W.
Mid-1

Minnich, Virginia
Db-1

Minot, A. S.
Au-1
Min-1 through Min-4

Minto, Wallace L.
Fi-6
Fi-9

Mitchell, Avard M.
Mi-1

Mitchell, H. H.
Fs-2
Fs-3
Fs-5
Lw-1 through Lw-4
Ml-3
Mu-5

Mitchell, H. S.
Cp-1

Mitchell, Walter G.
Ml-2

Miyake, Tadashi
Io-1

Modell, Walter
Bod-1

Monier-Williams, G. W.
Mow-1

Monroe, R. A.
Co-15
Co-23
Co-26

Montagna, William
Mon-1

Montgomery, M. L.
Sn-2
Sn-4
Sn-5

Moor, Joan R.
Bro-2

Moore, C. V.
Db-1 through Db-5

Moore, Francis D.
Em-1
Em-2
Sd-1

Moore, G. E.
Kre-1

Moore, J. H.
Moo-1
Moo-2

Moretti, Elizabeth
Br-28

Moretz, W. H.
Wi-1

Morgan, A.
Cl-3
Cl-4
Cl-5
Cl-6
Cl-7

Morgan, Karl Z.
Br-3
Br-11
Ha-55
Ma-2
Mw-5
Ph-4

Morken, D. M.
Bh-2

Morken, Donald A.
Mk-1
Mk-2

Morrell, Elsie
Wil-1

Morris, H. J.
Mo-1

Morris, J. P.
St-2

Morrison, D. C.
Ha-89

Morrison, Dempsie B.
My-1
My-4

Morrow, P. E.
Bh-2
Ca-4
Sa-5

Morse, Jerome G.
Gu-1

Morse, Lura M.
Ta-4

Morton, M. E.
Pm-1
Pm-2

Moruzzi, Giovanni
Mor-1

Moscariello, Alfredo
Ms-1

Moses, Campbell
Mb-1

Moses, H.
Ros-1

Mosiman, Roscoe S.
Ray-1

Moskalev, Yu. I.
Mos-1
Mos-2
Mos-3

Most, Harry
Cw-4

Motozo, Nishikawa
Io-1

Mott, C. R.
Stn-3

Mottram, J. C.
Re-1

Moxon, Alvin L.
Mx-1 through Mx-5

Mraz, Frank R.
Pah-1 through Pah-4

Mueller, Johanna
Ti-1

Muhler, Joseph C.
Muh-1
Muh-2

Mulay, W. C.
Du-13

Mull, James W.
My-2
My-3

Mulker, R. H.
Ge-2

Mulry, W. C.
Pr-1

Mulryan, B. J.
Nu-2
Nu-8

Munn, J. I.
Du-5
Du-15

Munro, D. S.
Kil-1

Murphy, F. J.
Scw-1

Murayama, Makio
Gr-14

Murray, Margaret M.
Bow-1
Bow-2
Gl-1

Muth, Hermann
Mut-1

Muxart, Roland
Fj-1

Myant, N. B.
Po-1
Po-2

Myers, Howard M.
Mye-1
Mye-2

Myers, Victor C.
My-1 through My-4

Myrick, M.
Br-44

MacDonald, Norman S.
Md-1 through Md-17
Rs-2
Wr-5

MacIntyre, William J.
Fr-4
Fr-5

MacKenzie, Kenneth
Mz-1 through Mz-3

MacLeod, Florence L.
Wil-1

MacMillan, J. C.
Wr-3

McArthur, Clare
Md-1
Md-2
Md-5
Md-9

McCall, J. T.
Fe-1
Fe-2

McCance, Robert A.
Kn-1
Kn-2
Wd-1 through Wd-7
Wd-9 through Wd-13

McCarthy, Patricia T.
Mh-1

McCay, C. M.
Mcm-1

McClellan, Walter S.
Mf-1

McClinton, L. T.
Se-4

McClure, F. J.
Mu-1 through Mu-5

McCollum, E. V.
Kv-1

McConnell, Kenneth P.
Mkp-1
Mkp-2

McCord, Carey P.
McC-1 through McC-3

McCracken, E. C.
McK-1

McCrae, J.
Mj-1

McDaniel, K. K.
Ti-2
Ti-4
Ti-5
Ti-6

McDonald, Bonnie B.
Wil-1

McElroy, William D.
McE-1 through McE-3

McIssac, Robert
McI-1

McKibbin, John M.
Dri-1

McKibben, Walter B.
Wr-5

McLean, F. C.
Bl-2
Bl-3

McLean, Regina
Au-3

McMillan, Edwin
Bor-1
Bor-2

McNally, William D.
McN-1

McNary, R. R.
Kh-3

McNunis, Ruth
Br-4

Naimark, David H.
Nm-1

Nakao, A.
Bd-3
Bd-4
Bd-5
Br-39

Nakken, Karl Ford
Ny-1

Napier, L. E.
Boy-1

Naranjo, Agnes
Br-24 Br-35
Br-34

Narayanarao, D.
Vk-1

Nardi, George L.
Na-1 through Na-3

Neal, Paul A.
Fa-3 Fa-6

Neal, William
Br-5
Dc-1

Neilands, J. B.
Ne-1

Nelson, A. A.
Fz-1
Ra-1

Nelson, J. Eugene
Ve-3

Nerancy, J. T.
St-2

Ness, A. T.
Cw-1
Cw-3
Cw-2
Cw-4

Neuman, M. W.
Nu-2
Nu-6

Neuman, William F.
Ao-1
Ho-3
Ho-4
Nu-1 through Nu-10
Sco-3

Newburger, Robert A.
Mah-1

Newcombe, H. B.
Nw-1

Newell, R. R.
Br-34

Newman, R. N.
Ha-31
Ha-32
Ha-33
Ha-34
Ha-35
Ha-36
Ha-49

Nhavi, N. G.
Ps-2

Nicholson, W. L.
Kt-10

Nickson, J. J.
Br-13
Br-36
Br-43
Ni-1
Ni-2
Ni-3

Nielson, A. Levin
Nl-1

Niklas, Annemarie
Mau-1 through Mau-3

Nolan, C.
Sk-2

Nold, M. M.
Co-25
Co-32
Co-34
Co-35
Co-36

Noonan, T. R.
Al-1
Nt-1

Norhagen, Ake
Nh-1

Norris, C.
Ge-1

Norris, William P.
Br-5
Br-6
Br-7
Br-10
Br-14
Br-15
Br-16
Br-18
Br-44
Br-46
Br-32
Br-35
Br-36
Br-45
Br-46
Mn-3
No-1 through No-8
Ps-2
Fk-2
Ste-1

Norwood, W. D.
Rs-2

Noyes, P.
Md-14
Wr-5

Nunez, Constantino
Nz-1
Nz-2

Nusbaum, R. E.
Bg-2 Bg-5
Bg-3
Md-1 through Md-3
Md-5 through Md-8
Md-11
Md-12
Md-13
Md-16
Md-17
Wr-5

Nussbaum, E.
Hu-13

Nygaard, Oddvar
Ny-1

Oakley, Willa D.
Kt-2
Kt-7
Kt-9
Kt-10
Kt-11
Bs-4
Ph-3
Th-9
Th-15
Th-20
Th-23

O Brien, James A.
Ho-16

O'Connor, M. H.
Ah-1

O'Conor, V. J.
Bul-1

Oddie, T. H.
Od-1 through Od-5

Odeblad, Erik
Bos-1
Bos-2
Bos-3
Bos-5
Nh-1

Odell, T. T., Jr.
Ol-1
Up-1

Odum, Howard T.
Om-1 through Om-3

Ogden, Glen E.
Cw-1
Cw-3

Ohtsu, Takawo
Oh-1

Okumo, H.
Ok-1

O'Leary, J.
Nu-8

Oliver, R.
Jy-5
Va-1

O'Niel, J. B.
Jy-4

Opdyke, D. F.
Op-1

Orkin, P. A.
Ht-4

Orr, C. R.
Or-1

Oshry, E.
Bu-1
Wit-1

Osler, T. G.
Ly-2

Overkamp, H.
Oe-1

Overman, W. J.
Ov-1

Overstreet, Roy
Ha-9
Ha-50
Ha-100
Ja-2
Ha-5

Owen, E. C.
Ht-4

Owen, Maureen
Jy-1
Va-3
Tm-4
Tm-5

Page, J. E.
Bra-1

Paget,
Pag-1

Painter, E. P.
Pa-1 through Pa-3

Palmer, Etna L.
Ky-5

Palmer, R. F.
Hy-4
Hy-5
Kt-3
Kt-10
Kt-11
Kw-1
Pal-1
Pal-2

Paoletti, Claude
Pao-1

Parker, Herbert M.
Kt-8
Ph-1 through Ph-6

Parrish, D. B.
Gi-1

Parrott, Marshall W.
Ha-29
Ha-30
Ha-31
Ha-32
Ha-33
Ha-35
Ha-43
Ha-44
Ha-49
Ha-63
Ha-75
Ha-77

Parsons, R. J.
Bni-5

Parson, William
Pw-1

Pate, B. D.
Sma-1

Paterson, J. C.
Pat-1

Patnaik, M.
Pn-1

Patrick, H.
Co-23
Pah-1 through Pah-4

Patwardhan, V. N.
Ps-1 through Ps-3

Payne, P. R.
Cm-1

Peacock, Wendell C.
Bc-1
Flu-1

Pearson, Nancy S.
Bro-2

Pearson, Paul B.
Kul-1
Kul-2

Pecher, Charles
Pe-1
Pe-2

Peelor, Robert A.
Bj-1

Perey, Marguerite
Py-1

Perkins, R. F.
Hy-4
Hy-5

Perkins, R. W.
Rie-1

Perkinson, Jesse D., Jr.
Co-26
Pk-1
Pk-2

Perley, Anne
Fs-4

Perlman, I.
Pm-1
Pm-2

Perrin, Jean
Lc-1
Lc-2
Lc-4

Perrings, J. D.
An-3 An-6

Perry, Kenneth M. A.
Ht-6

Peterman, F. I.
Ud-1

Peterson, W. H.
Pt-1
Pt-2

Phatak, S. S.
Ps-1

Phillips, Paul H.
Mil-1

Pinajian, J. J.
Pah-3

Pinson, Ernest A.
An-1
An-2
Ln-11
Pi-1 through Pi-7

Pinto, H. B.
Zi-2
Zi-3

Pinus, A. A.
Pin-1

Pittinger, C. B.
Fea-1
Fea-2

Pitts, Robert F.
Gre-1

Platt, W. R.
Pl-1

Plumlee, M. P.
Co-9
Co-14
Co-27

Pochin, E. Eric
Po-1 through Po-4

Pommerenke, W. T.
Hn-7

Popoff, G. D.
Or-1

Post, James
Ha-49

Postel, S.
Ab-1
Ab-4

Potter, G. D.
Ci-2

Potter, R. L.
Mx-5

Potter, V. R.
Ej-4

Potts, A. M.
Ab-1
Ab-4

Power, Marschelle H.
Lit-1
Ke-1

Premer, M. L.
Ar-7

Prentice, T. C.
Bni-5

Previtera, L.
DiS-1

Prezyma, A. P.
Pr-1

Priest, Robert E.
Dek-1

Prodan, L.
Pd-1
Pd-2

Prosser, C. Ladd
Pa-1
Pa-3
Pc-1

Punins'ka, V. K.
Pu-1

Queen, F. B.
Pal-1
Pal-2

Raben, M. S.
Rab-1

Radomski, Jack L.
Ra-1

Raeser, Paul
Tr-1

Rajewsky, B.
Scr-1

Ramage, Hugh
Rm-1
Rm-2

Rambousek, Edward S.
Sei-1

Randall, Challice
Ho-9

Ray, C. T.
Tr-2 through Tr-8

Ray, Robert D.
Ray-1 through Ray-3
Rs-2

Ray, T. W.
Ry-1

Rayner, Barbara
Tm-1
Tm-3
Tm-6
Tm-7

Raymond, W. H. A.
Har-1 through Har-5

Read, John
Re-1
Re-2

Recoder, R. F.
Rc-1

Redmond, J. W.
Hi-1

Rehfeld, Carl E.
Reh-1

Reifenstein, E. C.
Ar-6

Reitter, George S.
Mr-7

Relman, Arnold S.
Dea-1

Renschler, H. E.
Kil-1

Resta, Corrine F.
Sik-1

Reynolds, John C.
Mn-11

Reznikoff, Paul
Au-1

Rhian, Morris
Mx-1
Mx-4

Rhoades, R. P.
Ab-5

Richards, Marion B.
Ri-1

Richards, R. K.
Tb-2

Richards, Victor
Bir-1

Richmond, C. R.
Ln-13

Richter, D.
Gt-1

Rieck, H. G.
Rie-1

Rietz, Leola
Br-9
Br-35

Rittenberg, D.
Sp-1

Rix, B. M.
Tp-1

Robajdek, E. S.
At-13

Roberts, A.
Ea-6
Ea-8

Roberts, H. K.
Db-3

Robertson, James S.
Ha-102

Robichon, J.
Leb-1

Rockhold, W. T.
At-15

Rodgerson, Eleanor B.
Cox-1

Roesch, D.
At-14

Rollins, Marvin
Fr-1

Romney, R. B.
Lov-1

Roofe, P. G.
Hk-1 through Hk-4

Root, R. E.
Bh-6
Sco-2

Rose, G.
Sf-3

Rose, John E.
Br-7
Br-14
Ros-1 through Ros-4
Hn-5

Rose, Mary Swartz
Rw-1
Rw-2

Rosedale, R. S.
Or-1

Rosenbaum, D.
Ja-3

Rosenberg, I. N.
Gc-1

Rosenberg, S. A.
Fr-3
Fr-7

Rosenfeld, Irene
Rf-1
Rf-2

Rosenthal, Marcia W.
Br-41
Nr-28
Rs-1
Rs-2

Ross, Milton S.
Wit-1

Rotblat, J.
Rj-1

Roth, Lloyd J.
Ro-1

Rothstein, Aser
Rt-1

Rounds, Donald E.
Md-4
Md-7
Md-8
Md-10
Md-15
Md-17

Rowland, R. E.
Br-29
Br-44
Ros-1
Ros-3
Ros-4

Rowland, R. E.
Ros-1
Ros-3
Ros-4

Rowley, J.
Brd-2

Roy, A. C.
Boy-1

Rubin, M. I.
To-2

Rudik-Gnutova, E. A.
Za-1

Rugh, Roberts
Ru-1 through Ru-3

Rundo, J.
Rd-1
Rd-2

Russell, Edwin R.
Ni-1
Pa-1
Pa-3
Se-7

Russell, R. Scott
Co-31

Rust, John H.
Ku-1

Ruth, W. A.
Ml-3

Ruth, W. A.
Lw-1
Lw-3

Rygh, O.
Rg-1
Rg-2

Sabin, F. R.
Sg-1

Sacher, George A.
Pa-3

Sachs, Adolph
Sac-1

Sacks, Jacob
Sj-1

Sadasivan, V.
Sad-1

Saglid, U.
Rd-2

Sahashi, Yoshikazu
Sah-1

St. George, A. V.
Ge-2

Salerno, P. R.
Fr-3 Fr-8
Fr-6

Sakurabayashi, Takeshige
Ega-1

Salerno, Paul R.
Mt-2

Sameshima, Yashushi
Mat-1

Sanders, Phyllis
Sto-1

Sanderson, Margaret H.
Br-46

Sanotshii, V. A.
Sav-1

Santos-Ruiz, A.
San-1

Sato, R.
Br-18

Savcheck, W. B.
Ar-1

Schicks, E.
Lac-2

Schloerb, P. R.
Sd-1

Schlundt, Herman
St-1 through St-4

Schmidt, C. L. A.
Gr-12
Ta-1
Ta-2

Schofield, Frances A.
Wil-1

Schooley, J. C.
Co-37

Schraub, Alfred
Mut-1
Scr-1

Schraub, E.
Scr-1

Schreiber, Nora E.
Sl-2
Sl-3

Schrenk, W. G.
Gi-1

Schribner, Gertrude M.
Br-32
Br-45
Br-46
Br-50

Schroeder, Henry A.
Sha-1

Schryver, S. B.
Sv-1

Schubert, Jack
Br-15
Br-25
Br-41
Se-1 through Se-7
Ar-5

Schuch, Robert L.
An-3
An-5 An-6
Ln-17

Schulert, Arthur R.
Kp-2

Schultze, M. O.
Sc-1

Schwartze, E. W.
Scw-1

Schwartz, Irving L.
Sch-1

Scofield, Norman E.
Lo-2

Scott, C. W.
Gro-1

Scott, D. A.
Sct-1

Scott, James K.
Sco-1 through Sco-5
Ao-1
Bh-6
Nu-7
Ho-4
To-4

Scott, Kenneth G.
Ha-8
Ha-9
Ha-28
Ha-38
Ha-83 through Ha-96
Ha-100
Ha-101
Ja-5
La-4
La-5
So-1 through So-5

Scott, Robert G.
Sa-9

Scott, R. K.
Od-2

Scoular, F. I.
Hol-3
Hp-1

Sealander, John A., Jr.
Sea-1

Sedlet, J.
Hv-1
Rs-2

Seed, Lindon
See-1

Seibert, Henri C.
Ab-1 through Ab-4

Seidlin, S. M.
Bu-1

Seifter, Joseph
Sei-1

Seigneur, L. J.
Bs-5
Kt-10
Kt-11
Hy-4
Hy-5

Seil, Harvey A.
Sb-1

Selders, A. A.
Kt-10

Servigne, M.
Lc-7

Shandley, Paul D.
Sy-1

Shapiro, B.
Sf-3

Shapiro, Jacob
Bh-2
Sf-1
Sf-2

Shaw, Charlotte P.
Fa-4

Shaw, H. C.
Sl-2

Shaw, James H.
Sog-1

Shaw, Paul A.
Shw-1

Sheard, Charles
McK-1

Sheldon, J. H.
Rm-1
Rm-2

Sheline, G. E.
Sn-1 through Sn-5
Ha-19

Shellabarger, C. J.
She-1 through She-3

Sherman, H. C.
Shr-1
Shr-2

Shields, J. B.
Ml-3

Shirley, Ray L.
Sw-1
Sw-2
Wl-1

Sikov, Melvin R.
Sik-1

Silberstein, H. E.
Si-1

Silvertstone, H.
Th-2
Th-3

Simchowitz, H. C.
Sim-1

Sinclair, W. K.
Sin-1

Sissons, H. A.
Va-3

Shimada, Nobuo
Ak-1

Shimp, N. F.
Kc-1

Shohl, Alfred T.
Sh-1

Shorr, Ephraim
Sho-1

Silberstein, Hannah E.
Fi-7
Fi-10

Simmons, Eric L.
Ab-2
Ja-1
Ja-6
Fin-2

Simmons, S. J.
Sc-1

Simonsen, D. G.
Bg-4

Simpson, Linda
Sk-2
Sk-5

Sinex, F. M.
Gc-1

Singer, Leon
Co-4
Co-6

Singher, H. O.
Mn-2

Singer, Leon
Ar-3
Ar-7

Siri, W.
Bni-5
Sr-1

Sissons, H. A.
Jy-2
Va-3

Sizeland, M. L.
Sz-1

Skinner, J. T.
Pt-1

Skipper, F. H.
Fe-2

Skipper, Howard E.
Co-10
Sk-1 through Sk-5

Skirmont, Ellen
Ja-4
Lb-3

Slater, R. H.
Ly-2

Smales, A. A.
Sma-1

Smith, A. H.
Lf-1

Smith, Doreen M.
Ham-1 through Ham-3

Smith, E. L.
Bra-1

Smith, Elmer R.
Ash-1
Kc-1
Kc-2

Smith, F. A.
Bh-2
Bh-6
Ca-4
Ho-16
Ho-17
Sa-5
Sa-16
Sm-1 through Sm-4

Smith, Geneva A.
Sco-5
To-4

Smith, G. N.
Kt-3
Ph-5
Ph-6

Smith, Homer W.
Dr-1
Dr-2

Smith, M. I.
Sm-2 through Sm-4

Smith, P. K.
Ra-1

Smith, V. H.
Hy-4
Kt-10

Snider, J. N.
Bag-1

Snow, R. K.
Cn-1

Snyder, R. H.
At-10
At-12
Fin-1 through Fin-3

Sognnaes, Reidar F.
Sog-1
Vl-1

Soley, M. H.
Ha-25
Ha-45
Ha-67
Ha-68
Ha-73

Sollmann, Torald
Sl-1 through Sl-3

Solman, K.
Al-1

Solomon, A. K.
Gc-1
Sd-1

Sondak, V. A.
Son-1

Sowden, Eleanor M.
Sti-2
Sti-4

Spain, Patricia C.
Md-1
Md-2
Md-4 through Md-10
Md-15
Md-17
Wr-5

Spano, Herta
Ln-16

Sparks, Arnold
Ao-1
Ho-4

Spear, F. G.
Spe-1

Speckman, Thomas W.
Mn-3
No-7
Br-6
Br-7
Br-14
Br-32
Br-44
Br-46

Spencer, Herta
Ls-2
Ls-4
Ls-5
Ls-6
Ls-8
Ls-9
Ls-10
Ls-11
Rs-2

Spicer, G. S.
Cl-3
Cl-4
Cl-6
Cl-7

Spiegl, C. A.
Bh-1
Bh-2

Spiegl, C. J.
Sco-4

Spielhagen, G. F.
Fow-1

Spiers, F. W.
Spi-1

Sprinson, Davis B.
Sp-1

Sproul, J. A.
Bh-2

Sproull, Reavis C.
Spr-1

Spray, C. M.
Wd-7

Sprinks, J. W. T.
Jy-4

Stannard, J. Newell
Bh-2
Hu-2
Hu-3
Sa-1 through Sa-17

Stantial, Helen
Kg-1

Starkenstein, Emil
Heu-1

Staub, H.
Sta-1

Steadman, L. T.
Bh-6
Brd-1
Brd-2
Sco-2
Sco-4
Hu-7
Hu-15

Stearner, Phyllis S.
Br-46

Stearns, Richard
Md-1
Md-2

Steddon, L. M.
Jy-5

Stedman, Dorothy E.
Ray-3

Stedman, L. T.
Lb-7
Lb-10

Steele, J. Murray
Stl-1

Steele, Robert
Ss-1 through Ss-3

Steenbock, H.
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Ln-18
Lov-2
Mn-7
Mn-8
Mn-10
Mos-3
Pah-1
Pah-2
Pah-4
Ros-1
Ros-2
Ros-3
Ros-4
Th-18
Th-21
Tr-2
Ut-1 through Ut-3

Chlorine
Alb-1
Bn-12
Bod-1
Bow-2
Clo-1
Co-38
Dr-2
Ev-1
Fs-1
Ha-70
Hab-1
Hw-1
Sh-1
Sun-3
Tr-4
Tr-5
Tr-8
Ut-1
Vu-1
Wc-1
Wc-2

Chromium
Co-13
Co-17
Co-18
Co-19
Con-1
Ga-1
Ha-83
Kc-1
Kh-8
Kh-9
Kor-1
Kri-1
Ml-1
Rt-1
Sha-1
Sti-1
Sti-3
Sz-1
Ti-1 through Ti-6
Tie-1
Uo-1

Cobalt

Be-1
Beg-1
Beg-2
Beg-3
Bra-1
Co-1
Co-2
Co-5
Co-10
Co-22
Co-23
Co-38
Ct-1
Ct-2
DiS-1
Ev-1
Ew-2
Fs-2
Gr-1
Gr-11
He-1
Heu-1
Hey-1
Hp-1
Jb-1
Kas-1
Kc-1
Kh-8
Kh-9
Kn-2
Kor-1
La-3
Lg-1
Ma-2
Mp-2
Rt-1
San-1
Sha-1
Sti-1
Sti-3
Ti-1 through Ti-6
Un-1
Vt-1

Copper

Alb-1
Ash-1
Be-1
Bee-1
Bg-1
Bg-2
Bg-3
Bg-5
Brd-1
Brg-1
Bru-1
Cg-2
Ck-4
Ck-5
Ck-7
Co-3
Co-6
Co-10
Co-20
Co-38
Ct-2
Dew-1
Dic-2
Ej-4
Ev-1
Ew-2
Gol-1
He-1
Hol-3
Hw-1
Jb-1
Kas-1
Kc-1
Kc-2
Kh-4
Kh-7
Kh-8
Kh-9
Kl-1
Koe-1
Kor-1
McE-1
McE-3
Nl-1
Pt-2
Rc-1
Rm-1
Rm-2
Rt-1
Rw-1

Copper (continued)
Sac-1
Sah-1
San-1
Sc-1
Sha-1
Sti-1
Sti-3
Sun-3
Sz-1
Ti-1 through Ti-6
Ts-3
Tu-1
Un-1
Vn-1
Wd-7
Wi-1
Wi-2
Wi-3

Curium
Dk-1
Ha-1
Ha-12
Ha-19
Ha-26
Ha-94
Se-2

Dysprosium
Ha-33
Ha-36
Lx-1

Erbium
Ha-34
Ha-36
Ky-7

Europium
Ha-15
Ha-17
Ha-18
Ha-29
Ha-33
Ha-36
Ky-8
Vc-2

Fluorine
Alb-1
Ar-1
Bh-2
Bh-4
Bh-6
Boi-1
Bow-1
Bow-2
Brd-2
Bw-2
Cd-1
Co-13
Co-26
Co-33
Ew-2
Ge-3
Gl-1
Ham-1
Ham-2
Ham-3
Ho-16
Ho-17
Hv-1
Kh-8
Kh-9
Lw-1
Lw-2
Lw-3
Lw-4
Mak-1
Mat-1
Mc-1
Mc-2
Mh-1
Mil-1
Mu-1
Mu-2
Mu-3
Mu-4
Mu-5
Muh-1
Muh-2
Pah-3
Rc-1
Sun-3
Tis-1
Un-1
Vk-1
Vl-1
Wa-1
Wa-2
Wh-1

Francium
Py-1

Gadolinium
Ha-34
Ha-36
Ky-7
Lx-1

Gallium
Bm-1
Bm-2
Du-1 through Du-7
Du-10
Du-11
Du-12
Du-13
Du-15
Du-19
Ha-20
Kc-1
Lan-1
Pk-1
Pk-2
Ti-1 through Ti-6

Germanium
Du-8
Du-9
Ha-21
Rt-1

Gold
Blo-1
Blo-2
Blo-3
Bt-1
Dew-1
Ef-1
El-1
Ew-2
Fr-3
Fr-6
Fr-8
Fu-1
Ha-84
Kn-1
Rt-1
Tb-1
Ti-1 through Ti-6

Hafnium
Ki-1

Helium
Beh-1
Beh-2
Beh-3

Holmium
Ha-33
Ha-36
Ha-86
Ky-7

Hydrogen (Deuterium)
Bo-1
Br-45
Br-46
Em-1
Em-2
Kt-3
Ph-6
Sd-1

Hydrogen (Tritium)
An-1
An-2
An-4
Bni-5
Br-9
Br-17
Br-18
Cm-1
Dl-1
Hv-1
Kt-3
Ln-8
Ln-11
Ph-2
Ph-4
Ph-5
Ph-6
Pi-1 through Pi-7
Se-2
Sog-1
Th-2 through Th-8
Th-10 through Th-14
Th-19
Th-22
Vu-1

Indium
Ha-19
Ha-101
McC-2
McC-3
Rt-1
Sco-5
To-4

Iodine
Ab-7
Ack-1
Ad-1
Alb-1
Bh-2
Bj-1
Brw-1
Bs-1
Bs-2
Bs-3
Bs-5
Bs-7
Bs-8
Cha-1
Ci-1
Ci-2
Cl-1
Co-10
Co-13
Co-17
Co-18
Co-38
Dn-1
Dog-1
Don-1
Dun-1
Dur-1
Dur-2
Ea-6
Ea-8
Fd-1
Fr-4
Fr-5
Fre-1
Fu-1
Gm-1
Ha-1
Ha-4
Ha-16
Ha-17
Ha-18

Iodine (continued)
Ha-25
Ha-26
Ha-28
Ha-29
Ha-31
Ha-32
Ha-33
Ha-35
Ha-45
Ha-49
Ha-51
Ha-59
Ha-66
Ha-67
Ha-68
Ha-70
Ha-73
Ha-74
Ha-78
Ha-79
Ha-82
Ha-98
Ha-102
Hai-1
Har-3
Hd-1
Hd-2
Ho-1
Ho-5
Ho-10
Hy-4
Hy-5
Jo-1
Jo-2
Jt-1
Kal-1
Kas-1
Ke-1
Kh-8
Kh-9
Kle-1
Ks-1
Kt-3
Kt-10
Kt-11
La-1
La-2
Lz-1
Mb-1
Me-1

Iodine (continued)
Mi-2
Mi-3
Mn-5
Mz-1
Od-1
Od-2
Od-3
Od-4
Od-5
Ph-2
Ph-5
Ph-6
Pm-2
Pn-1
Po-1
Po-2
Po-3
Po-4
Pu-1
Rab-1
Ru-1
Ru-2
Ru-3
See-1
Sin-1
Sn-3
Sog-1
Sun-3
Tb-1
Tup-1
Ty-1
Un-1
Ut-1
Ut-3
Wc-2

Iridium
Ha-85
Ha-89
Ha-101

Iron
Ae-1
Alb-1
Bad-1
Bee-1
Bel-1
Bg-1
Bg-2
Bg-3
Bg-5

Iron (continued)
Bp-1
Bru-1
Cg-2
Co-10
Co-38
Db-1
Db-2
Db-3
Db-4
Db-5
Flu-1
Fow-1
Fow-2
Gol-1
Gr-1
Gr-5
Gr-6
Gr-9
Grn-1
Gub-1
Ha-29
Ha-66
Heu-1
Hn-1 through Hn-7
Hol-3
Ht-5
In-1
Je-1
Jl-1
Kas-1
Kc-1
Kh-8
Kh-9
Kor-1
La-1
La-2
Lit-1
Oe-1
Rc-1
Rm-1
Sac-1
San-1
Stv-2
Sun-3
Sz-1
Ti-1 through Ti-6
Tie-1
Ts-3
Tu-1
Un-1
Wd-6 through Wd-13
Wk-1

Krypton
La-6

Lanthanum
At-10
At-12
Bl-1
Cr-1
Cr-2
Do-2
Fi-15
Fin-3
Ha-1
Ha-4
Ha-9
Ha-10
Ha-16
Ha-26
Ha-34
Ha-36
Ha-51
Ha-86
Hd-1
Ky-7
Ky-8
Ls-3
Ls-4
Ls-7
Ut-1

Lead
Alb-1
Au-1
Au-2
Au-3
Bag-1
Bg-1
Bg-2
Bg-3
Bg-4
Bg-5
Brg-1
Ck-4
Ck-7
Ev-1
Fa-3
Fa-4
Gol-1

Lead (continued)
Ha-89
Ha-101
Hor-1
Ht-4
Kc-1
Kh-1 through Kh-9
Kor-1
Ly-2
Md-8
Md-9
Min-1
Min-2
Min-3
Min-4
Ml-3
Rc-1
Rm-2
San-1
Sha-1
Sl-1
Sti-1
Sti-3
Sun-3
Sz-1
Ti-1 through Ti-6
Tie-1
Ts-1
Ts-2

Lithium
Ew-2
Kn-1
Md-3
Md-6
Ra-1
Rc-1
Rm-2
San-1
Sz-1
Ti-4
Ti-5
Ti-6

Lutetium
Ha-29
Ha-36
Ha-86
Ky-2
Ky-3
Ky-8
Ky-9

Magnesium

Alb-1
Bee-1
Bow-2
Bp-2
Gôl-1
Gr-12
Gr-15
Hi-1
Kc-1
Kor-1
Lew-1
Rc-1
Rm-1
Rt-1
San-1
Sun-3
Sz-1
Ti-1 through Ti-6
Wd-1
Wd-2
Wd-4
Wd-7
Wk-1

Manganese

Alb-1
Bee-1
Bg-1
Bg-2
Bg-3
Bg-5
Bn-1 through Bn-9
Bn-11
Bn-12
Bn-13
Bn-14
Bp-1
Br-28
Brg-1
Bru-1
Ck-4
Co-1
Co-38
Ct-2
Ej-1
Ej-3
Ew-2
Fa-6
Gol-1

Manganese (continued)

Gr-1
Gr-3
Gr-8
Ha-83
Ha-88
Hb-1
Heu-1
Hil-1
Kas-1
Kh-4
Kh-7
Kh-8
Kh-9
Kn-2
Kor-1
May-1
May-2
Mj-1
Rc-1
Ri-1
Rm-2
Rt-1
Rw-1
Ry-1
San-1
Sha-1
Sti-1
Sti-3
Sun-3
Sz-1
Tf-1
Ti-1 through Ti-6
Tie-1
Tu-1
Un-1
Ut-2

Mercury

Ai-1
As-1
Bg-1
Bg-4
Fb-3
Fs-2
Gre-1
Ha-85
Ha-101
Ht-6
Hv-1
Kh-9
Ov-1
Sl-2
Sl-3
Stk-1
Stk-2
Tr-6
Yu-1

Molybdenum

Bee-1
Bg-2
Bg-3
Bg-5
Bn-2
Bn-6
Bn-7
Bn-8
Bn-9
Bn-10
Bn-13
Co-3
Co-4
Co-10
Co-20
Co-38
Dic-1
Dv-1
Ej-5
Ev-1
Ha-88
Ha-101
Kas-1
Kc-1
Kh-9
McE-1
McE-3
Mx-3
Ne-1

Molybdenum (continued)

San-1
Sha-1
Sti-1
Sti-3
Sw-2
Ti-1 through Ti-6
Tie-1
Un-1
Ut-2

Neodymium
Ha-20
Ha-36
Ky-7
Lx-1

Neptunium
Ha-1
Ha-4
Ha-8
Ha-15
Ha-26
Ha-27
Ha-88
Ja-5

Nickel
Beg-1
Beg-2
Brg-1
Co-17
Co-18
Ew-2
Fa-5
Heu-1
Kc-1
Kh-9
Kn-2
Kor-1
Mp-1
Ps-1
Rt-1
San-1
Sha-1
Sti-1
Sti-3
Sun-1
Sun-2
Sun-4
Ti-1 through Ti-6
Tie-1
Un-1
Ws-1

Niobium
Bl-1
Cr-1
Cr-2
Do-1
Do-2
Do-3

Niobium (continued)
Ha-1
Ha-4
Ha-17
Ha-20
Ha-22
Ha-26
Ha-51
Ha-101
Ky-8
Su-2
Ut-1

Nitrogen
Alb-1
Beh-2
Beh-3
Bow-2
Fs-3
La-1
McE-3
Pw-1
Sp-1
Sun-3
Tb-1
Wd-7
We-1

Osmium
Bur-1
Ha-87
Ha-101
Ht-3
Rt-1

Oxygen
Alb-1
Bni-1
Bni-4
Br-17

Palladium

Ha-89
Ha-101

Phosphorus

Ack-2
Amp-1
At-1
Bau-2
Bau-5
Bau-6
Bau-10
Bau-11
Bau-15
Bea-1
Bea-5
Bl-1
Bon-1
Bow-2
Br-1
Br-18
Br-33
Br-36
Bw-2
Bw-3
Cd-1
Co-10
Co-13
Co-16
Co-17
Co-38
Co-39
Dv-1
El-1
En-3
Fh-1
Fk-3
Fk-4
Fr-1
Fr-2
Fr-3
Fr-6
Fr-7
Fr-8
Frk-1
Fs-3
Fu-1
Ga-1
Gd-1
Gol-1

Phosphorus (continued)

Gr-7
Gr-12
Gr-15
Grd-1
Ha-16
Ha-22
Ha-41
Ha-66
Hd-1
He-3
Hem-1
Ho-15
How-1
Hy-4
Hy-5
Io-1
Jo-3
Jy-4
Kas-1
Kb-1
Km-1
Kt-11
Kw-1
La-1
La-2
La-4
La-5
La-7
Lac-2
Leb-1
Lf-1
Lo-1
Lo-2
Mas-1
Mb-1
McE-1
McE-2
Mcm-1
Mn-5
Mn-6
Moo-1
Moo-2
Mye-2
Ph-4
Pl-1
Ps-2
Ps-3
Rs-2
San-1

Phosphorus

Sea-1
Sik-1
So-2
So-3
So-4
So-5
Sog-1
Son-1
Sun-3
Sz-1
Tak-1
Tb-1
The-1
Ti-2
Ti-3
Ti-4
Ti-5
Ti-6
Ut-1
Ut-2
Wd-7
Wd-8
Wd-9
Wk-1
Wr-1
Wr-2
Wr-3
Wy-1
Wya-1
Yb-1
Za-1

Platinium

Ha-85
Ha-101
Rt-1

Plutonium

Ab-1
Ab-2
Ab-5
Bal-1
Bh-3
Bl-1
Bl-5
Br-1
Br-4
Br-5
Br-8
Br-12

Plutonium (continued)

Br-15
Br-17
Br-20
Br-21
Br-27
Br-33
Br-40
Br-41
Br-42
Br-43
Br-44
Bs-4
Bz-1
Cat-1
Doc-1
Fi-2
Fi-5
Fi-8
Fin-2
Fk-4
Fk-6
Fk-7
Fk-10
For-1
Fra-1
Fu-1
Ha-1
Ha-5
Ha-19
Ha-26
Ha-37
Ha-38
Ha-64
Ha-66
Ha-83
Ha-85
Ha-92
Hd-1
Hy-4
Hy-5
Ja-6
Kt-1 through Kt-11
La-2
Li-1
Li-4
Ln-1 through Ln-8
Ln-10
Ln-12
Ln-16
Mi-1

Plutonium (continued)
Ni-1
Pa-1
Pa-3
Ph-1
Ph-2
Ph-5
Ph-6
Reh-1
Rs-2
Se-2
Se-3
Stn-1
Stn-3
Th-1
Th-9
Vd-4

Polonium
At-3 through At-8
At-15
Bek-1
Bek-2
Bh-2
Bh-3
Bh-4
Bh-5
Bi-1
Bl-1
Br-3
Br-4
Br-16
Br-18
Br-46
Ca-1
Ca-2
Ca-3
Ca-4
Cat-1
Cm-2
Del-1
Dw-2
Fi-1 through Fi-9
Fi-11
Fk-1
Fk-2
Fk-4
Fk-7
Fra-1
Fu-1

Polonium (continued)
Hd-1
Hu-2
Hu-3
Hu-4
Hu-5
Hu-6
Hu-14
Lc-1
Lc-2
Lc-4
Lc-5
Lc-6
Lc-7
Ln-10
Ly-1
Ms-1
Nm-1
Sa-1 through Sa-9
Sa-11 through Sa-17
Se-2
Sm-1
To-5
Wt-1
Yo-1

Potassium
Ai-2
Alb-1
An-4
An-5
An-6
Beg-7
Beg-8
Bet-1
Bow-2
Br-29
Cg-1
Co-38
Dea-1
Dr-1
Ea-10
Ega-1
Ey-1
Fs-1
Fun-1
Gr-4
Gr-10
Gro-1

Potassium (continued)

Gs-1
Ha-70
Ha-88
Hi-1
Kil-1
Ln-13
Ln-17
Ln-18
Lov-1
Lov-2
Ly-1
Mn-5
Mn-7
Mn-8
Nt-1
Oh-1
Pah-1
Pah-2
Pah-4
Rc-1
Rd-2
Rm-1
Ros-3
Ros-4
San-1
Sch-1
Se-2
Sog-1
Sun-3
Tb-1
Ti-2
Ti-3
Ti-4
Ti-5
Ti-6
Tr-7
Tr-8
Tyo-1
Ut-1
Ut-3
Vg-1
Vs-1
Wd-7
Ww-1
Ww-2

Praseodymium

Bl-1
Br-12
Ha-1
Ha-4
Ha-15
Ha-16
Ha-26
Ha-36
Ky-7

Promethium

Ha-1
Ha-26
Ha-31
Ha-32
Ha-34
Ha-36
Ha-38
Ha-58
Ha-66

Protactinium

Co-8
Ha-1
Ha-8
Ha-17
Ha-26
Ha-27
Ha-36
Se-2

Radium

Ac-5
Ac-7
At-13
Au-4
Bh-2
Bh-3
Bh-4
Bjh-1
Bjh-2
Bl-1
Bl-5
Bot-1
Br-1
Br-4
Br-6
Br-7
Br-12
Br-14
Br-15
Br-17
Br-18
Br-20
Br-21
Br-27
Br-29
Br-32
Br-35
Br-39
Br-40
Br-42
Br-43
Br-44
Bz-1
Cat-1
Co-13
Da-1
Ea-1
Ea-2
Ea-4
Ea-5
Ea-7
Ea-9
Ea-10
Ed-1
Fi-2
Fi-5
Fi-8
Fi-10
Fj-1
Fk-4

Radium (continued)

Fk-6
Fk-7
Fk-8
Fl-1
Fl-2
Fu-1
Ge-1
Ge-2
Ha-32
Ha-76
Ha-77
Hd-1
He-1
Hk-1 through Hk-7
Hs-2
Hu-1
Hu-7through Hu-12
Hu-14
Hv-1
Hy-6
Iv-1
Ja-4
Ja-6
Kr-1
Kt-3
La-1
Lb-1 through Lb-9
Lb-11
Lb-12
Ln-7
Lr-1
Lr-2
Ly-1
Mah-1
Mi-1
Mn-3
Mn-4
Mn-11
Mr-1 through Mr-9
Mut-1
No-1
No-3
No-6
No-7
Nu-5
Pal-1
Pal-2
Ph-5
Ph-6
Re-2

Radium (continued)

Reh-1
Rie-1
Ros-1
Ros-2
Ros-3
Ros-4
Rs-1
Sb-1
Se-2
Se-7
Sg-1
Si-1
Sim-1
Spe-1
St-1
St-2
St-3
St-4
Ste-2
Ste-3
Ste-4
Stn-1
Stn-2
Stn-3
Stv-1
Sun-3
Sy-1
Tab-1
To-1
Ut-1
Ut-3
Va-2
Vd-2
Vd-3
Vd-4

Radon

Beo-1
Bh-2
Bh-4
Bhj-1
Bhj-2
Br-1
Br-10
Br-48
Bw-1
Cl-2
Cn-1
Cor-1

Radon (continued)

Dw-2
Ea-3
Ea-9
Ea-10
Fu-1
Hk-6
Hu-6
Hu-13
Jc-1
Jk-1
La-1
Lb-2
Lb-9
Lc-3
Lr-2
Lr-3
Lr-4
Ly-1
McK-1
Mf-1
Mk-1
Mk-2
Mn-4
Pin-1
Re-1
Ros-1
Ros-2
Ros-4
Sco-1
Scr-1
Sf-1
Sf-2
Ste-1
Stn-3
Vd-2
Vd-4

Radon - Thoron

Ae-1
Bw-1
Cl-2
Ea-9
Ea-10
Kr-2
Ly-1
Stn-3

Rhenium
Bu-1
Ha-87
Ha-89
Ha-101
She-1
She-2

Rhodium
Ha-22
Ha-85
Ha-89
Ha-101

Rubidium
Beg-6
Beg-7
Beg-8
Dea-1
Ew-2
Gi-1
Ha-21
Kil-1
Ln-13
Ln-18
Lov-1
Lov-2
Pah-4
Rm-2
Sti-1
Sti-3
Sz-1
Ti-4
Ti-5
Ti-6
Tr-3
Tr-7
Tr-8
Tyo-1
Zi-1
Zi-2
Zi-3

Ruthenium
Ab-6
Bn-10
Bn-11
Bn-13
Bn-14
Br-7
Br-50
Cat-1
Fk-4
Ha-1
Ha-4
Ha-9
Ha-10
Ha-26
Ha-51
Ha-89
Ha-101
Hd-1
Hy-3
Hy-4
Hy-5
Ja-5
Kt-2
Kt-3
Kt-10
Kt-11
Mos-2
Ph-4
Th-15
Th-16
Th-17
Th-20
Th-23
Wid-1

Samarium
Ha-18
Ha-22
Ha-33
Ha-36

Scandium
Ha-83
Ha-84
Ha-88
Lx-1

Selenium
Du-14
Du-16
Ew-2
Fz-1
Ha-15
Ha-22
Hei-1
Hol-1
Kh-8
Kh-9
Mkp-1
Mkp-2
Mx-1
Mx-2
Mx-3
Mx-4
Mx-5
Pa-2
Rf-1
Rf-2
Rt-1
Sm-2
Sm-3
Sm-4
Str-1
Un-1

Silicon
Alb-1
Bow-2
Fw-1
Gol-1
Gw-1
Hol-1
Hol-2
Kg-1
Kg-2
Kg-3

Silica
Kg-4
Kg-5
McC-1
McN-1
Rc-1
Rg-2
San-1
Tie-1
Un-1

Silver
Alb-1
Bg-5
Ck-4
Ck-7
Ew-2
Gol-1
Ha-19
Ha-81
Kh-4
Kh-7
Kh-8
Kh-9
Kn-1
Rm-2
Rt-1
San-1
Sha-1
So-1
Sti-1
Sti-3
Sun-3
Sz-1
Ti-1 through Ti-6
Tie-1

Sodium

Alb-1
Bau-4
Bau-6
Bau-7
Bau-9
Beg-7
Beg-8
Bet-1
Bh-6
Bl-1
Bos-1
Bos-2
Bos-4
Bow-2
Br-18
Bw-2
Cd-1
Co-38
Dr-1
Em-1
Em-2
Fin-1
Fs-1
Fs-4
Gr-14
Gro-1
Ha-28
Ha-69
Ha-70
Ha-72
Ha-88
Hd-1
Ho-13
Ho-15
Kra-1
Kra-2
Ky-7
La-2
Ln-13
Ln-18
Lo-1
Mn-5
Oh-1
Op-1
Ph-4
Rc-1
Rm-1
San-1
Sch-1
Sn-5

Sodium (continued)

Sog-1
Sun-3
Tb-1
Tis-1
Tr-1
Tr-8
Ut-1
Vu-1
Wd-7

Strontium

Ab-4
Ac-4
At-11
At-12
Aw-1
Aw-2
Aw-3
Bau-12
Bh-2
Bl-1
Br-1
Br-5
Br-6
Br-7
Br-12
Br-14
Br-15
Br-20
Br-21
Br-22
Br-25
Br-29
Br-32
Br-36
Br-43
Br-45
Br-46
Br-47
Br-49
Br-50
Br-53
Cas-1
Cat-1
Cat-2
Cd-1
Cd-2
Cd-3
Cl-3
Cl-4

Strontium (continued)

Cl-5
Cl-6
Cl-7
Co-7
Co-13
Co-16
Co-17
Co-18
Co-24
Co-25
Co-28
Co-29
Co-31
Co-32
Co-34
Co-35
Co-36
Co-37
Co-39
Com-1
Com-2
Cr-2
Do-2
Ea-10
Ed-2
Eg-1
Eg-2
Eg-3
Ei-1
Ei-2
Ei-3
Ei-4
Ei-5
En-2
Fk-4
Fk-5
Fk-6
Fk-9
Fk-10
Fk-11
Fr-1
Fr-2
Fr-3
Fr-6
Fr-8
Fra-1
Fs-5
Fu-1
Go-1
Go-2
Gol-1

Strontium (continued)

Gr-13
Gr-18
Ha-1
Ha-4
Ha-5
Ha-15
Ha-16
Ha-20
Ha-21
Ha-26
Ha-34
Ha-35
Ha-38
Ha-49
Ha-50
Ha-51
Ha-58
Ha-64
Ha-66
Ha-75
Ha-77
Ha-78
Ha-80
Ha-81
Har-1
Har-2
Har-4
Har-5
Har-6
Hd-1
Hr-2
Hy-5
Hy-6
Ja-1
Jn-1
Jy-1
Jy-3
Kas-1
Kh-9
Kik-3
Kik-4
Kp-1
Kp-2
Krm-1
Kt-10
Kt-11
Ku-1
Kv-1
Kz-1
La-1
La-2

Strontium (continued)
Lew-1
Lib-1 through Lib-7
Ln-10
Ln-12
Ln-14
Ln-15
Ln-17
Lou-1
Lp-2
Ls-5
Ls-7
Ls-8
Ls-9
Ls-11
Lt-1
Mar-1
Mar-2
Md-1
Md-2
Md-4
Md-5
Md-7 through Md-16
Mn-5
Mos-2
Mos-3
Mw-2
No-1
No-6
Nw-1
Om-1
Om-2
Om-3
Pc-1
Pe-1
Pe-2
Ray-1
Ray-2
Ray-3
Rc-1
Rg-1
Rm-1
Rm-2
Ros-1
Rs-2
Se-2
Se-6
Sho-1
Sti-1
Sti-2
Sti-3

Strontium (continued)
Sti-4
Stn-3
Su-2
Sz-1
Ti-1 through Ti-6
Tm-2 through Tm-8
Tm-10
Tm-11
Su-1
Un-1
Ut-1
Ut-2
Ut-3
Va-1
Va-2
Va-3
Va-4
Ve-3
War-1
Wd-5
Wn-1
Wr-5

Sulfur

Amp-2
Amp-3
Bau-11
Bea-2
Bea-3
Bea-4
Boa-1
Bor-1
Bor-2
Bos-1
Bos-2
Bos-3
Bos-4
Bos-5
Co-13
Co-30
Co-38
Dd-1 through Dd-9
Dek-1
En-1
En-3
Cg-1
Gt-1
Jy-3
Jy-5
Kas-1
Kre-1
Kul-1
Kul-2
La-1
La-2
Lj-1
Maa-1
Mac-1
Mac-2
Mh-1
Mn-2
Mon-1
Nh-1
Ny-1
Nz-1
Nz-2
Ol-1
Pah-3
Se-2
Sh-1
Sun-3
Ta-1

Sulfur (continued)

Ta-2
Ta-3
Ta-4
Tb-1
Tb-2
Ut-2
Va-4
Wj-1

Tantalum
Cr-1
Cr-2
Do-2
Do-3
Ha-38
Ha-83
Ha-87
Ha-88
Ha-101
Rt-1
Su-1
Su-2
Su-3

Technetium
Ha-19
Ha-21
Ha-101

Tellurium
De-1
De-2
Ha-1
Ha-4
Ha-9
Ha-10
Ha-26
Har-3
Ja-2
Lv-1
Mx-3
Ros-1
Rt-1

Terbium
Ha-31
Ha-34
Ha-36
Ha-63
Ha-79
Ha-83
Ha-89
Ky-8

Thallium
Bc-1
Cox-1
Ha-34
Ha-84
Ha-101
Kh-9
Ld-1
Ld-2
Rg-2
Rt-1
Shw-1
Te-1
Tru-1

Thorium
Ac-7
Ah-1
Am-1
At-13
Bh-1
Bh-4
Bh-6
Bl-1
Br-49
Brg-1
Dw-2
Et-1
Fk-4
Fk-7
Fr-2
Fra-1
Fu-1
Gb-1
Ge-2
Ha-1
Ha-8
Ha-26
Ha-27
Ha-29
Ho-4
Hu-7
Hu-14
Hu-15
Hy-2
Ja-3
Lb-2
Lb-6
Lb-7
Lb-10

Thorium (continued)
Mau-1
Mau-2
Mau-3
Mi-1
Mn-9
Mn-11
Mt-1
Mt-2
Or-1
Pr-1
Rd-1
Reh-1
Rj-1
Ros-1
Ros-2
Ros-4
Rs-2
Sco-2
Sco-3
Se-2
Se-4
Se-6
Sl-1
Ste-2
Stn-3
To-3
Vd-1
Wit-1

Thulium
Ha-32
Ha-36
Ha-84
Ha-88
Ky-7
Ky-8
Ros-1

Tin
Alb-1
Brd-2
Ck-4
Ck-7
Dt-1
Ew-2
Ha-18
Ha-19
Ha-20
Ha-101
Kc-1
Kh-4

Tin (continued)
Kh-9
Kn-2
Sei-1
Sha-1
Sun-3
Sv-1
Sz-1
Ti-1 through Ti-6
Tie-1

Titanium
Bar-1
Beg-4
Beg-5
Bli-1
Brg-1
Cv-1
Ew-2
Gol-1
Kc-1
Kh-9
Kk-1
Kk-2
Mai-1
Mai-2
Mai-3
Mai-4
Mai-5
Rc-1
San-1
Sha-1
Sti-1
Sti-3
Ti-1 through Ti-6

Uranium

Ac-1
Ber-1
Ber-2
Ber-3
Ber-4
Bh-4
Bh-6
Br-5
Br-15
Br-18
Br-40
Br-44
Dal-1
Dw-2
Fk-4
Fk-6
Fk-7
Fu-1
Ha-1
Ha-3
Ha-16
Ha-17
Ha-19
Ha-92
Hd-1
Hf-1 through Hf-9
Ho-2
Ho-3
Ho-7
Ho-8
Ho-9
Ho-10
Ho-14
Hv-1
La-2
Ly-1
Ni-2
No-5
No-8
Nu-1
Nu-2
Nu-3
Nu-6
Nu-8
Nu-10
Rt-1
Se-2
Sto-1
Tn-1
Tn-2
Tn-3
Vo-1

Vanadium

Di-1
Di-2
Ha-16
Ha-95
Ht-3
Kc-1
Kh-9
Kn-1
Ml-2
Mx-3
Rg-2
Rt-1
San-1
Sha-1
Ti-1 through Ti-6
Tl-1
Un-1

Wolfram

Ha-34
Ha-84
Ha-101
Kin-1
Kin-2
Kin-3
Ws-1
Ws-2

Xenon

Fea-1
Fea-2
Ha-1
Ha-4
Ha-9
Ha-10
Ha-26
Ha-51
Hd-1
La-6

Ytterbium
Ha-33
Ha-36
Ha-86

Yttrium
Ab-4
Ac-4
At-9
Bl-1
Br-1
Br-6
Br-12
Br-20
Br-21
Br-28
Br-29
Bul-1
Co-8
Co-17
Co-18
Co-34
Cr-1
Do-1
Do-2
Do-3
Du-17
Du-18
Fk-4
Fr-7
Fra-1
Fu-1
Ha-1
Ha-4
Ha-5
Ha-7
Ha-9
Ha-10
Ha-14
Ha-15
Ha-18
Ha-19
Ha-21
Ha-22
Ha-26
Ha-40
Ha-50
Ha-51
Ha-64
Ha-86

Yttrium (continued)
Hd-1
Hy-4
Jy-2
Jy-3
Ky-4
Ky-5
Ky-6
Ky-7
Ky-8
Li-2
Ls-2
Ls-4
Ls-7
Lx-1
Md-17
Rs-2
Se-2
Se-3
Su-1
Su-2
Su-3
Su-4
Tm-1
Tm-2
Tm-8
Tm-9
Va-2

Zinc
Alb-1
Ban-1
Be-1
Bee-1
Bg-1
Bg-2
Bg-3
Bg-5
Bir-1
Brg-1
Ck-8
Co-3
Co-10
Co-13
Co-17
Co-18
Co-20
Co-38
Ct-2
Cu-1
Dk-1
Dri-1
Ej-2
Ev-1
Ew-1
Ew-2
Fe-1
Fe-2
Gol-1
Gu-1
Gu-2
Gu-3
Ha-21
He-1
Hea-1
Hy-4
Kas-1
Kc-1
Kc-2
Kh-8
Kh-9
Kor-1
Low-1
Lu-1
McI-1
Mw-1
Mw-3
Mw-4
Mw-5
Mw-6

Zinc (continued)
Rc-1
Rg-1
Ros-4
Rt-1
Rw-1
Sad-1
Sct-1
Sh-1
Sha-1
Sn-1
Sn-2
Sn-4
Sz-1
Ti-1 through Ti-6
Tie-1
Tu-1
Ty-2
Un-1
Ut-2
Ve-1
Ve-2
Wd-3
Wd-7

Zirconium
Ab-4
Bl-1
Cr-1
Cr-2
Cra-1
Dk-1
Do-1
Do-2
Ha-1
Ha-4
Ha-7
Ha-9
Ha-15
Ha-16
Ha-19
Ha-20
Ha-21
Ha-22
Ha-26
Ha-50
Ha-51
Hd-1
Kor-1
Mea-1
Rt-1
Sco-4
Se-2
Se-4
Su-2
Ut-1

Fission Products

Bl-1
Co-8
Co-17
Co-18
Ha-28
Hy-4
Hy-5
Ja-5
Ln-10
Ly-1
Lz-1
Mw-2
Rs-2
Ut-2
Ut-3

General

Ag-1
Ag-2
Ba-1
Be-1
Br-22
Br-31
Br-51
Ch-1
Co-21
Cp-1
Ev-1
Fa-1
Gd-1
Hw-1
Hy-1
Jb-1
Mow-1
Ni-3
Nu-4
Pt-1
Wg-1

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