

ASSORBIMENTO, RIDISTRIBUZIONE, LIVELLI DI Hg

Aihara M & Sharma RP Effects of endogenous and exogenous thiols on the distribution of mercurial compounds in mouse tissues Arch Environm Contam Toxicol 15 1986 629-36 (V32)

Ballatori N & Clarkson TW Developmental changes in the biliary excretion of methylmercury and glutathione Science 213 1982 61-3 (M38)

Bardodej Z, Urban J, Bardodejova E & Rejlkova V The measurement of mercury excretion in urine J Hyg Epidemiol Microb Immun 29 1985 263-268 (AA63)

Baron P & Schweinsberg F Eine Literaturstudie über Konzentrationen von Arsen, Blei, Cadmium und Quecksilber in Körperflüssigkeiten und Geweben zur Eingrenzung von Normalwerten und Erkennung von Belastungen 3. Mitteilung: Quecksilber Zbl Hyg Umweltmed 188 1989 84-107 (Z26a,b)

Bernard SR & Purdue P Metabolic models for methyl and inorganic mercury Hlth Phys 46 1984 695-699 (Z19)

Archer VE Mercury content of human tissues Am J Publ Hlth 62 1972 1442-3 (Comment to Kevorkian et al AJPH apr 1972) (B16)

Butterworth RF, Gonce M, Barbeau A Accumulation and removal of Hg203 in different regions of the rat brain Can J Neurol Sci 5 1978 397-400 (U12)

Cherian MG, Hursh JB, Clarkson TW, Allen J Radioactive mercury distribution in biological fluids and excretion in human subjects after inhalation of mercury vapor Arch Environm Hlth 33 1978 109-14 (J4)

Donat M Elimination du mercure par les voies lacrymales. Epiphora mercuriel Le Bull Medicale 1902 419 (Z24)

Ellis RW & Fang SC Elimination, tissue accumulation and cellular incorporation of mercury in rats receiving an oral dose of 203Hg-labeled phenylmercuric acetate and mercuric acetate Toxicol Appl Pharmacol 11 1967 104-13 (B25)

Endo T, Nakaya S, Kimura R, Murata T Gastrointestinal absorption of inorganic mercuric compounds in vivo and in situ Toxicol Appl Pharm 74 1984 223-239 (Z63)

Endo T, Nakaya S & Kimura R Mechanisms of absorption of inorganic mercury from rat small intestine I. Solvent drag effect on absorption of inorganic mercury Pharmacol Toxicol 63 1988 8-15 (AB54); II. Composite effects of pH and halide ions on transport of mercuric chloride into isolated brush border membrane vesicles in rats Pharmacol Toxicol 63 1988 361-68 (AB55); III. Comparative absorption studies of inorganic mercuric compounds in vitro Pharmacol Toxicol 66 1990 347-353 (AB56)

Friberg L Studies on the accumulation, metabolism and excretion of inorganic mercury (Hg203) after prolonged subcutaneous administration to rats Acta Pharmacol Toxicol 12 1956 411-27 (D48)

Gage JC The distribution and excretion of inhaled mercury vapor Br J Industr Med 18 1961 287-94 (B12)

Glomski CA, Brody H, Pillay SKK Distribution and concentration of mercury in autopsy specimens of human brain Nature 232 1971 200-1 (D36)

Goldwater LJ & Nicolau A Absorption and excretion of mercury in man IX Persistence of mercury in blood and urine following cessation of exposure Arch Environm Hlth 12 1966 196-8 (D53)

Gowdy JM, Yates R, Demers FX, Woodward SC Blood mercury concentration in an urban population Sci Total Environm 8 1977 247-51 (D55)

Hecker LH, Allen HE, Dinman BD, Neel JV Heavy metal levels in acculturated and unacculturated populations Arch Environm Hlth 29 1974 181-5 (B11)

Hursch JB, Clarkson TW, Cherian MG, Vostal JJ, Vander Mallie R Clearance of mercury (Hg-197, Hg-203) vapor inhaled by human subjects Arch Environm Hlth 31 1976 302-9 (D40)

Hursh JB, Clarkson TW, Miles EF, Goldsmith LA Percutaneous absorption of mercury vapor by man Arch Envir Hlth 44 1989 120-127 (Y45)

Ishihara N, Urushiyama K, Suzuki T Inorganic and organic mercury in blood, urine and hair in low level mercury vapor exposure Int Arch Occup Environm Hlth 40 1977 249-53 (D5)

Joselow MM, Ruiz R, Goldwater LJ Absorbtion and excretion of mercury in man. XIV. Salivary excretion of mercury and its relationship to blood and urine mercury Arch Environm Hlth 17 1968 35-8 (D52)

Jugo S Retention and distribution of 203HgCl₂ in suckling and adult rats Hlth Phys 30 1976 240-1 (V31)

Kershaw TG, Dahir PH, Clarkson TW The relationship between blood levels and dose of methylmercury in man Arch Environm Hlth 35 1980 28-36 (N27)

Kevorkian J, Cento DP, Hyland JR, Bagozzi WM, Hollebeke E van Mercury content of human tissues during the twentieth century Am J Publ Hlth apr 1972 504-513 (Z49)

Klaassen CD Pharmacokinetics in metal toxicity Fund Appl Toxicol 1 1981 353-7 (R45)

Lie A, Gundersen N, Korsgaard KJ Mercury in urine -sex, age and geographic differences in a reference population Scand J Work Environm Hlth 8 1982 129-33 (Q38)

Lindstedt G, Gottberg I, Holmgren B, Jonsson T, Karlsson G Individual mercury exposure of chloralkali workers and its relation to blood and urinary mercury levels Scand J Work Environm Hlth 5 1979 59-69 (J7)

Livshits OD Effect of vegetable foods on the mercury excretion from the body Vop Pitan 1986:2 62-4 (engl summary only) (Z59)

Lovejoy HB, Bell ZG, Vizena TR Mercury exposure evaluations and their correlation with urine mercury excretions 4. Elimination of mercury by sweating J Occup Med 15 1973 590-1 (D17)

Lundgren K-D, Swensson Å, Ulfvarson U Studies in humans on the distribution of mercury in the

blood and the excretion in urine after exposure to different mercury compounds Scand J Clin Lab Invest 20 1967 164-6 (J5)

Magos L Mercury-blood interaction and mercury uptake by the brain after vapor exposure Envir Res 1 1967 323-37 (X8)

Mangal PC & Sharma P Effect of leukemia on the concentration of some trace elements in human whole blood Ind J Med Res 74 1981 559-64 (R19)

Massaro EJ, Yaffe SJ, Thomas CC Jr Mercury levels in human brain, skeletal muscle and body fluids Life Sci 14 1974 1939-46 (M36)

Matsuo N, Suzuki T, Akagi H Mercury concentration in organs of contemporary Japanese Arch Envir Hlth 44 1989 298-303 (Z18)

Mehra M & Kanwar KC Clearance of parenterally administered 203Hg from the mouse tissues J Envir Pathol Toxicol Oncol 5 1984 127-30 (AA14)

Miettinen JK, Rahola T, Hattula T, Rissanen K, Tillander M Elimination of 203Hg-methylmercury in man Ann Clin Res 3 1971 116-122 (A14)

Mottet NK & Body RL Mercury burden of human autopsy organs and tissues Arch Environm Hlth 29 1974 18-24 (B13)

Murray DB & Hughes RE The influence of dietary ascorbic acid on the concentration of mercury in guinea-pig tissues Proc Nutr Soc 35 1976 118A-119A (A1b)

Nielsen JB & Andersen O Oral mercuric chloride exposure in mice: effects of dose on intestinal absorption and relative organ distribution Toxicol 59 1989 1-10 (Z29)

Nord PJ, Kadaba MP, Sorensen JRJ Mercury in human hair Arch Environm Hlth 27 1973 40-4 (A44)

Ohlander E-M, Ohlin B, Albanus L, Bruce Å Kvicksilverhalter i hår hos gravida som äter svensk sötvattensfisk Vår Föda 37 1985 380-96 (S35)

Pallotti G, Bencivenga B, Simonetti T Total mercury levels in whole blood, hair and fingernails for a population group from rome and its surroundings Sci Tot Environm 11 1979 69-72 (D50)

Piotrowski JK, Trojanowska B, Mogilnicka EM Excretion kinetics and variability of urinary mercury in workers exposed to mercury vapor Int Arch Occup Environm Hlth 35 1975 245-56 (J8)

Placidi GF, Dellosso L, Viola PL, Bertelli A Distribution of inhaled mercury (203Hg) in various organs Int J Tiss React 5 1983 193-200 (N65)

Rahola T, Hattula T, Korolainen A, Miettinen JK Elimination of free and protein-bound ionic mercury (203Hg²⁺) in man Ann Clin Res 5 1973 214-19 (D1)

Richardson RJ, Wilder AC, Murphy SD Uptake of mercury-amino acid complexes by renal cortex slices Proc Soc Exp Biol Med 150 1975 303-7 (A27)

Rothstein A & Hayes A The turnover of mercury in rats exposed repeatedly to inhalation of vapor Hlth Phys 10 1964 1099-1113 (N39)

Rothstein A & Hayes AD The metabolism of mercury in the rat studied by isotope techniques J Pharmacol Exp Ther 130 1960 166-176 (AA65)

Schmidt R & Wilber CG Mercury and lead content of human body tissues from a selected population Med Sci Law 18 1978 155-158 (Z54)

Sherlock JC & Quinn MJ Underestimation of dose-response relationship with particular reference to the relationship between the dietary intake of mercury and its concentration in blood Hum Toxicol 7 1988 129-32 (X29)

Silberberg I, Prutkin L, Leider M Electron microscopic studies of transepidermal absorbtion of mercury Arch Environm Hlth 19 1969 7-14 (A38)

Silberberg I Percutaneous absorbtion of mercury in man J Invest Dermatol 50 1968 323-31 (L2)

Silberberg I Studies by electron microscopy of epidermis after topical application of mercuric chloride J Invest Dermatol 56 1971 147-60 (L3)

Sin YM, Wong MK, Low LK Effect of lead on tissue deposition of mercury in mice Bull Env Cont Toxicol 34 1985 438-45 (Q37)

Stein PC, Campbell EE, Moss WD, Trujillo P Mercury in man Arch Environm Hlth 29 1974 25-7 (B15)

Stinson CH, Shen DM, Burbacher TM, Mohamed MK, Mottet NK Kinetics of methyl mercury in blood and brain during chronic exposure in the monkey Macaca fascicularis Pharmacol Toxicol 65 1989 223-230 (Z17)

Sugita M The biological half-time of heavy metals. The existense of a third, slowest component Int Arch Occup Environm Hlth 41 1978 25-40 (M28)

Szep O Weitere Beiträge zur Kenntnis des Quecksilbergehalts des menschlichen Körpers Biochem Zeitschr 307 1940 79-81 (Further contributions to the knowledge of the mercury content of the human body) (C55)

Takeda Y, Kunugi T, Hoshino O, Ukita T Distribution of inorganic, aryl, and alkyl mercury compounds in rats Toxicol Appl Pharmacol 13 1968 156-64 (B18)

Tejning S Jämförande undersökning mellan kvicksilverhalterna i hår, blodkroppar, blodplasma och liquor cerebrospinalis MFR Årsrapport 1969 (Z3)

Tompsett SL & Smith DC Mercury in biological materials J Clin Pathol 12 1959 219-21 (Q1)

Tucek J & Tucek M Contribution to the problem of environmental contamination with mercury J Hyg Epidemiol Microbiol Immunol 25 1981 354-63 (S2)

Ulfvarson U Distribution and excretion of some mercury compounds after long term exposure Int Arch Gewerbepathol Gewerbehyg 19 1962 412-22 (L16)

Vokac Z, Gundersen N, Magnus P, Jebens E, Bakka T Circadian rhythm of urinary excretion of mercury Adv Biosci 30 1981 425-31 (Q42)

Wahlberg JE Percutaneous toxicity of metal compounds Arch Environm Hlth 11 1965 201-4 (R4)

Wiadrowska B, Syrowatka T, Mazurek J Evaluation of total mercury content of human tissues. III. Mercury content of human kidneys and brain in general population Rocz Panstw Zaki Hig 34 1983 171-4 (engl summary) (R43)

Witschi H Desorption of some toxic heavy metals from human erythrocytes in vitro Acta Haematol 34, 1965, 101-15 (R3)

Yamamoto R, Suzuki T, Satoh H & Kawai K Generation and dose as modifying factors of inorganic accumulation in brain, liver and kidneys of rats fed methylmercury Envir Res 41 1986 309-318 (AA67)

Yamamoto R, Satoh H, Suzuki T, Nobunaga T Modified distribution of methylmercury by additional exposure to elemental mercury or mercuric chloride in mice fed methylmercuric chloride J Pharmacodyn 3 1980 80-4 (D43)

Yoshida M, Shimada E, Arai F, Yamamura Y The relation between mercury levels in brain and blood or cerebrospinal fluid (CSF) after mercury exposure J Toxicol Sci 5 1980 243-50 (A51)

Ziegler G, Luthy H, Gähwiler B Die Vervelddauer von radioaktiven Metallionen auf der haut Dermatologica 137 1968 259-62 (R82)

Åberg B, Ekman L, Falk R, Greitz U, Persson G, Snihs J-O Metabolism of methyl mercury (203Hg) compounds in man Arch Environm Hlth 19 1969 478-84 (A37)

Ballatori N & Clarkson TW Inorganic mercury secretion into bile as a low molecular weight complex Biochem Pharmacol 33 1984 1087-92 (AF14)

Ballatori N & Clarkson TW Dependence of biliary secretion of inorganic mercury on the biliary transport of glutathione Biochem Pharmacol 33 1984 1093-8 (AF15)

Klaassen CD Biliary excretion of mercury compounds Toxicol Appl Pharm 33 1975 356-65 (AF16)

Sumino K, Yamamoto R, Kitamura S Mechanism of methylmercury release from bound type in bloodstream or tissue Biochem Biophys Res Comm 86 1979 735-41 (AF18)

Nielsen JB & Andersen O Disposition and retention of mercuric chloride in mice after oral and parenteral administration J Toxicol Envir Hlth 30 1990 167-80 (AF26)

Schad UB & Kehrer BH Phenylmercuriborat in Glycerin (Glycero-Merfen) im Kleinkindesalter: unerwünschte Quecksilberresorption auch bei intakter Mundschleimhaut Schw Med Wschr 113 1983 148-50 (AG5)

Peters-Haefeli L, Michod J, Aellig A, Varone J.J, Schelling J.L, Peters G L'excretion urinaire de mercure chez des utilisateurs professionnels d'un savon antiseptique contenant 0,04% de borate de

phenylmercure Schw Med Wschr 106 1976 171-8 (AG6)

Kostial K, Rabar I, Blanusa M, Simonovic I The effect of iron additive to milk on cadmium, mercury and manganese absorption in rats Envir res 22 1980 40-5 (AG7)

Methyl mercuric chloride toxicokinetics in mice I.: effects of strain, sex, route of administration and dose Nielsen JB & Andersen O Pharmacol Toxicol 68 1991 201-7; II. Sexual differences in whole-body retention and deposition in blood, hair, skin, muscles and fat pp.208-11 (AH61)

A review of normal concentrations of mercury in human blood Brune D, Nordberg GF, Vesterberg O, Gerhardsson L, Wester PO Sci Total Envir 100 1991 235-82 (AH67a,b)

Petersson K, Dock L, Dödelsing K, Vahter M Distribution of mercury in rabbits subchronically exposed to low levels of radiolabeled methyl mercury Pharmacol Toxicol 68 1991 464-8 (AJ69)

Tjälve H & Gottofrey J Effects of lipophilic complex formation on the uptake and distribution of some metals in fish Pharmacol Toxicol 69 1991 430-9 (AY62)

Absorption of mercurochrome Magarey JA Lancet 342 1993 1424 (AT50)

Trace element reference values in tissues from inhabitants of the European Community II. Examples of strategy adopted and trace element analysis of blood, lymph nodes and cerebrospinal fluid of Italian subjects Sabbioni E, Minoia C, Pietra R, Fortaner S, Gallorini M & Saltelli A Sci Total Environm 120 1992 39-62 (AT56)

Trace element reference values in tissues from inhabitants of the European Community V. Review of trace elements in blood, serum and urine and critical evaluation of reference values for the Danish population Poulsen OM, Christensen JM, Sabbioni E & Van der Venne MT Sci Total Environm 141 1994 197-215 (AT57)

Fish Consumption Patterns and Blood Mercury Levels in Wisconsin Chippewa Indians. Peterson DE; Kanarek MS; Kuykendall MA; Diedrich JM; Anderson HA; Remington PL; Sheffy TB Archives of Environmental Health; 49 (1) p53-58 1994 (AU41)

Biological monitoring of toxic metals Friberg L, Elinder C-G Scand J Work Environm Hlth 19 suppl 1 1993 7-13 (AZ34)

Biological monitoring of exposure to mercury vapor Barregård L Scand J Work Environm Hlth 19 suppl 1 1993 45-9 (AZ36)

Cadmium, lead and mercury content of human scalp hair in relation to exposure Stankovic M et al In: Clinical Chemistry and Chemical Toxicology of Metals Ed SS Brown 1977 p.327331 (BA4)

Comparison of the body burden of the population of Leipzig and Munich with the heavy metals cadmium; lead and mercury - a study of human organ samples Drasch G et al Gesundheitswesen, 1994 May; 56(5): 263-7. (BA5)

Fractional mercury levels in Brazilian gold refiners and miners. Aks SE; Erickson T; Branches FJP; Naleway C; Chou HN; Levy P; Hryhorczuk D Journal of Toxicology - Clinical Toxicology; 33 (1) p1-10 1995 (BB11)

Hair trace element analysis in human ecology studies Batzovich VA Sci Total Environm 164 1995 89-98 (BB27)

Urinary Mercury Monitoring of University Staff and Students Occasionally Exposed to Mercury Vapor. Hongo T; Abe T; Ohtsuka R; Komai M; Okiyama T; Amano K; Toyooka T; Suzuki T Industrial Health; 32 (1) p17-27 1994 (BC51)

Review of trace elements in blood, serum and urine for the Czech and Slovak populations and critical evaluation of their possible use as reference values Kucera J, Bencko V, Sabbioni E & Van der Venne MT Sci Total Environm 166 1995 211-34 (BD57)

Quantitative and qualitative distribution of mercury in organs from Arctic sledgehogs: an atomic absorption spectrophotometric and histochemical study of tissue samples from natural long-termed high dietary organic mercury-exposed dogs from Thule, Greenland Hansen JC & Danscher G Pharmacol Toxicol 77 1995 189-195 (BF6)

Inhibition of gamma-glutamyltranspeptidase decreases renal deposition of mercury after mercury vapor exposure Kim, C-Y, Watanabe, C, Kasanuma Y, Satoh H Arch Toxicol 69 1995 722-4 (BF22)

Duplicate study on the dietary intake of some metals metalloids by German children .1. Arsenic and mercury. Wilhelm M; Lombeck I; Kouros B; Wuthe J; Ohnesorge FK Zentralblatt Fur Hygiene und Umweltmedizin; 197 (5) p345-356 JUN 1995 (BH4)

Mercury concentrations in autopsy tissues from inhabitants of Tarragona province, Spain Schumacher M, Batista J, Domingo JL & Corbella J Trace Elelctrol 13 1996 75-79 (BH14)

The intake of selected minerals and trace elements in European countries van Dokkum W Nutr Res Rev 8 1995 271-302 (BH18)

Localization of Gastrointestinal Deposition of Mercuric Chloride Studied Invivo. Nielsen JB; Andersen HL; Sorensen JA; Andersen O Pharmacology & Toxicology; 70 (4) p262-267 APR 1992 (AL35)

Intestinal Absorption of Inorganic Mercury in Rat. Piotrowski JK; Szymanska JA; Skrzypinska-Gawrysiak M; Kotelo J; Sporny S Pharmacology & Toxicology; 70 (1) p53-55 JAN 1992 (AM24)

Kinetics of Mercury in Blood and Urine After Brief Occupational Exposure. Barregard L; Sallsten G; Schutz A; Attewell R; Skerfving S; Jarvholm B Archives of Environmental Health; 47 (3) p176-184 MAY-JUN 1992 (AN23)

Biliary and urinary excretion of metals in humans Ishihara N & Matsushiro T Arch Envir Hlth 41 1986 324-330 (AN37)

Effects of Dietary Lipids on Whole-Body Retention and Organ Distribution of Organic and Inorganic Mercury in Mice. Hojbjerg S; Nielsen JB; Andersen O Food and Chemical Toxicology; 30 (8) p703-708 AUG 1992 (AP12)

Toxicokinetics of Mercuric Chloride and Methylmercuric Chloride in Mice. Nielsen JB Journal of Toxicology and Environmental Health; 37 (1) p85-122 SEP 1992 (AP14 a,b)

Patients with Homocystinuria - High Metal Concentrations in Hair, Blood and Urine. Yoshida Y; Nakano A; Hamada R; Kamitsuchibashi H; Yamamoto K; Akagi H; Kitazono M; Osame M Acta Neurologica Scandinavica; 86 (5) p490-495 NOV 1992 (AQ1)

Physiological Model for the Pharmacokinetics of Methyl Mercury in the Growing Rat. Farris FF; Dedrick RL; Allen PV; Smith JC Toxicology and Applied Pharmacology; 119 (1) p74-90 MAR 1993 (AQ50)

Mercury contents of indicators and target organs in rats after long-term- low-level, mercury vapor exposure Eide R & Wesenberg GR Environm Res 61 1993 212 (AQ59)

Inorganic Mercury Absorption in Mature and Immature Rat Jejunum - Transcellular and Intercellular Pathways Invivo and in Everted Sacs. Foulkes EC; Bergman D Toxicology and Applied Pharmacology; 120 (1) p89-95 MAY 1993 (AQ69)

Effect of Different Renal Glutathione Levels on Renal Mercury Disposition and Excretion in the Rat. Girardi G; Elias MM Toxicology; 81 (1) p57-67 1993 (AS13) Use of Hair Analysis for Evaluating Mercury Intoxication of the Human Body - A Review. Katz SA; Katz RB Journal of Applied Toxicology; 12 (2) p79-84 1992 (AS54)

Heavy metal concentrations in humans Schweinsberg F & Karsa Lvon Comp Biochem Physiol 95C 1990 117-23 (AS58)

Urinary mercury excretion in chloralkali workers after the cessation of exposure Ellingsen DG, Thomassen Y, Langård S & Kjuus H Scand J Work Environm Hlth 19, 1993, 334-41 (AS72)

The relationship between mercury concentration in human organs and different predictor variables Weiner JA & Nylander M Sci Total Environm 138, 1993, 101-15 (AT6)

Mercury Excretion and Intravenous Ascorbic Acid. Dirks MJ; Davis DR; Cheraskin E; Jackson JA Archives of Environmental Health; 49 (1) p49-52 1994 (AU40)

Mercury toxicokinetics in Wistar rats exposed to elemental mercury vapour: modeling and computer simulation Fahnoga I et al Arch Toxicol 68 1994 406-15 (AY15)

Longitudinal study of workers exposed to mercury vapour at low concentrations: time course of inorganic and organic mercury concentrations in urine, blood, and hair Ishihara N & Urushiyama K Occup Envir Med 51 1994 660-2 (AY38)

Transport and toxicity of mercury-albumin complex in the isolated-perfused proximal tubule of the rabbit kidney Barfuss DW & Zalups RK Abstr. of the 35th Ann Meet of the Soc. of Toxicology; Fund Appl Toxicol 30(1) 1996, abstr 890 (BH67)

Interactions of vitamin C with lead and mercury Hill CH Ann NY Acad Sci 355 1980 262 (AX12)

The effects of vitamin C supplementation on blood and hair levels of cadmium, lead and mercury Calabrese EJ et al Ann NY Acad Sci 498 1987 347 (AX15)

Effect of mercuric ions on human erythrocytes. 1. Rate of haemolysis induced by osmotic shock as a function of incubation time Zolla L et al Toxicol In Vitro 8 1994 483-90 (AY11)

Effects of Exercise Training on the Distribution of Metallic Mercury in Mice. Shimojo N; Arai Y Human & Experimental Toxicology; 13 (8) p524-528 AUG 1994 (AY21)

The kinetics of intravenously administered methyl mercury in man Smith JC, Allen PV, Turner MD, Most B, Fisher HL, Hall LL Toxicol Appl Pharmacol 128 1994 251-6 (AZ9)

Nickel absorption from perfused rat jejunal and ileal segments. Tallkvist J; Tjälve H Pharmacology & Toxicology; 75 (5) p233-243 NOV 1994 (BA36)

Eide R, Wesenberg GR. Mercury contents of indicators and target organs in rats after long-term, low-level, mercury-vapor exposure. Environ Res 1993, 61: 212-222. (BB2b)

Effect of arsenicals on biliary excretion of endogenous non-protein thiols, mercurials and sulfobromophthalein Gyurasics A & Gregus Z Biological Monitoring of Exposure and the Response at the Subcellular Level to Toxic Substances. Arch Toxicol suppl 13 1989 340-2 (BB41)

Percutaneous absorption of mercury vapor by rats Wunscher U et al Arch Toxicol 65 1991 257 (BB50)

Experimental localization of intestinal uptake sites for metals (Cd, Hg, Zn, Se) in vivo in mice. Andersen O; Nielsen JB; Sorensen JA; Scherrebeck L Environmental Health Perspectives; 102 p199-206 SEP 1994 (BD3)

Establishment and characterization of methylmercury- resistant PC12 cell line. Miura K; Clarkson TW; Ikeda K; Naganuma A; Imura N Environmental Health Perspectives; 102 p313-315 SEP 1994 (BD6)

Heavy Metal Intracellular Balance and Relationship with Metallothionein Induction in the Liver of Carp After Contamination by Silver, Cadmium and Mercury Following or Not Pretreatment by Zinc. Cosson RP Biometals; 7 (1) p9-19 1994 (BD23)

Metal accumulation in human kidney cortex: mutual interrelations and effect of human factors Lopez- Artiguez M et al Hum Exp Toxicol 14 1995 335-40 (BD60)

Mercury uptake by primary cultures of rat renal cortical epithelial cells .1. Effects of cell density, temperature, and metabolic inhibitors. Endo T; Sakata M; Shaikh ZA Toxicology and Applied Pharmacology; 132 (1) p36-43 MAY 1995 (BE7)

Mercury uptake by primary cultures of rat renal cortical epithelial cells .1. Effects of cell density, temperature, and metabolic inhibitors. Endo T; Sakata M; Shaikh ZA Toxicology and Applied Pharmacology; 132 (1) p36-43 MAY 1995 (BE33)

Effect of inhibitors and substrates on methyl mercury uptake by rat erythrocytes Wu G Arch Toxicol 69 1995 533-9 (BE56)

Screening of potential transport systems for methyl mercury uptake in rat erythrocytes at 5 degrees by use of inhibitors and substrates Wu G Pharmacol Toxicol 77 1995 169-176 (BF5)

Mercury uptake by primary cultures of rat renal cortical epithelial cells .2. Effects of pH, halide ions, and alkali metal ions. Endo T; Sakata M; Shaikh ZA Toxicology and Applied Pharmacology;

134 (2) p321-325 OCT 1995 (BF21)

Whole-body retention, and urinary and fecal excretion of mercury after subchronic oral exposure to mercuric chloride in rats. Morcillo MA; Santamaria J Biometals; 8 (4) p301-308 OCT 1995 (BF23)

Impaired biliary excretion and whole body elimination of methylmercury in rats with a congenital defect in biliary glutathione excretion. Ballatori N; Gatmaitan Z; Truong AT Hepatology; 22 (5) p1469-1473 NOV 1995 (BF30)

Adjustment of creatinine-adjusted values in urine to urinary flow rate: A study of eleven heavy metals and organic substances. Sata F; Araki S; Yokoyama K; Murata K International Archives of Occupational and Environmental Health; 68 (1) p64-68 DEC 1995 (BF63)

Pretreatment with p-aminohippurate inhibits the renal uptake and accumulation of injected inorganic mercury in the rat. Zalups RK; Barfuss DW Toxicology; 103 (1) p23-35 NOV 20 1995 (BF72)

Bestimmung von Quecksilber im Blut, Speichel und Urin mittels Fliess-Injektions-AAS-System, gegebenfalls nach Mikrowellenaufschluss (Detection of mercury in blood, saliva and urine by flow-injection-AAS-system after high pressure microwave treatment) Stockinger K & Muntean V Lab Med 16, 1992 419-422 (BG31)

Uptake of Hg-203(2+) in the olfactory system in pike. Borgneczak K; Tjalve H Toxicology Letters; 84 (2) p107-112 FEB 1996 (BG52)

The validity of spot urine samples for low-level occupational mercury exposure assessment and relationship to porphyrin and creatinine excretion rates. Martin MD; McCann T; Naleway C; Woods JS; Leroux BG; Bollen AM Journal of Pharmacology and Experimental Therapeutics; 277 (1) p239-244 APR 1996 (BH25)

The intracellular distribution of mercury in rat liver after methoxyethylmercury intoxication Norseth T Biochem Pharmacol 16 1967 1645-54 (BH30)

The intracellular distribution of mercury in rat liver after a single injection of mercuric chloride Norseth T Biochem Pharmacol 17 1968 581-93 (BH31)

Mercury distribution and renal metallothionein induction after subchronic oral exposure in rats Morcillo MA & Santamaria J Biometals 9 1996 213-220 (BH44)

Dose-dependent elimination kinetics for mercury in urine: observations in subjects with brief but high-level exposure Barregård L, Quelquejeu G, Sällsten G, Haguenoer J-M, Nisse C Int Arch Occup Environm Hlth 68 1996 345-8 (BH65)

Uptake and toxicity of HgCl₂ and synthesized Hg(SG)2 and Hg(Cys)2 in isolated rabbit renal proximal tubule suspensions Wei H, Divine KK, Gandolfi AJ Abstr. of the 35th Ann Meet of the Soc. of Toxicology; Fund Appl Toxicol 30(1) 1996, abstr 659 (BH67)

Uptake of inorganic mercury by LLC-PK1 cells Endo T, Kimura O, Sakata M, Shaikh ZA Abstr. of the 35th Ann Meet of the Soc. of Toxicology; Fund Appl Toxicol 30(1) 1996, abstr 884 (BH67)

Mercury levels in target organs of female rats following multiple doses of mercuric chloride Khan

AT, Graham TC, Webster JE, Forrester DM, Ferguson JA Abstr. of the 35th Ann Meet of the Soc. of Toxicology; Fund Appl Toxicol 30(1) 1996, abstr 60 (BH67)

Diversion or prevention of biliary outflow from the liver diminishes the renal uptake of injected inorganic mercury. Zalups RK; Barfuss DW Drug Metabolism and Disposition; 24 (4) p480-486 APR 1996 (BJ15)

Toxicokinetics and disposition of inorganic mercury and cadmium in Channel Catfish after intravascular administration Schultz IR, Peters EL & Newman MC Toxicol Appl Pharmacol 140 1996 39-50 (BJ47)

Methyl mercury pharmacokinetics in man: A reevaluation. Smith JC; Farris FF Toxicology and Applied Pharmacology; 137 (2) p245-252 APR 1996 (BJ59)

The effect of dose of elemental mercury and first-pass circulation time on exhalation and organ distribution of inorganic mercury in rats Magos L et al BBA 991 1989 85 (BK7)

Clinical problems interpreting mercury levels - Experience from mercury exposed chloralkali workers. Bluhm R; Branch RA International Archives of Occupational and Environmental Health; 68 (6) p421-424 SEP 1996 (BK27)

The effect of nutritional factors on absorption, retention and excretion of organic and inorganic mercury in mice and rats. Hojbjerg SG Danish Medical Bulletin; 43 (4) p376 SEP 1996 (BK30)

Toxicokinetics and disposition of inorganic mercury and cadmium in channel catfish after intravascular administration. Schultz IR; Peters EL; Newman MC Toxicology and Applied Pharmacology; 140 (1) p39-50 SEP 1996 (BK33)

Comparative studies of cadmium and mercury accumulation by LLC-PK1 cells: Effects of pH on uptake and efflux. Endo T; Kimura O; Sakata M Toxicology Letters; 87 (2-3) p77-83 OCT 1996 (BK54)

Elimination of recently absorbed methyl mercury depends on age and gender. Nielsen JB; Andersen O Pharmacology & Toxicology; 79 (2) p60-64 AUG 1996 (BL19)

Biological monitoring of mercury vapour exposure by scalp hair analysis in comparison to blood and urine. Wilhelm M; Muller F; Idel H Toxicology Letters; 88 (1-3) p221-226 NOV 1996 (BL45)

Perfusion model of inorganic mercury kinetics Tokin IB, Smirnova PA P Toxicol Lett suppl 1 1996, Eurotox 96, P2H-198 (BL48)

Progress in diagnosis of chronic toxic metal poisoning by hair analysis Kruslin E, Hodel CM, Schurgast H Toxicol Lett suppl 1 1996, Eurotox 96, P3O-303 (BL48)

Mercury content in human kidney and hair Hac E, Krechniak J P Toxicol Lett suppl 1 1996, Eurotox 96, P2H-202 (BL48)

Correlation between mercury contents in hair, kidney, blood and urine of rats intoxicated with mercury chloride Hac E, Galka K, Stolarska K P Toxicol Lett suppl 1 1996, Eurotox 96, P2H-201 (BL48)

Metal excretion and magnesium retention in patients with intermittent claudication treated with intravenous disodium EDTA. Guldager B; Jorgensen PJ; Grandjean P Clinical Chemistry; 42 (12) p1938-1942 DEC 1996 (BL51)

Distribution of dietary mercury in a dog - quantitation and localization of total mercury in organs and central nervous system. Hansen JC, Reske-Nielsen E, Thorlacius-Ussing O, et al. 1989. Sci Total Environ 78:23-43. (BM28)

Relationships between the concentrations of mercury in air and in blood or urine in workers exposed to mercury vapour Roels H et al Ann Occup Hyg 31 1987 135 (BN3)

Mercury, methyl-mercury and selenium in scalp hair of inhabitants from the Mediterranean area Dermeij M et al Chemosphere 6(4) 1987 877-886 (BN12)

Trace elements in human clinical specimens: Evaluation of literature data to identify reference values Iyengar V, Woitiez J Clin Chem 34 1988 474-481 (BN26)

The determination of metals (antimony, bismuth, lead, cadmium, mercury, palladium, platinum, tellurium, thallium, tin and tungsten) in urine samples by inductively coupled plasma-mass spectrometry. Schramel P; Wendler I; Angerer J International Archives of Occupational and Environmental Health; 69 (3) p219-223 MAR 1997 (BN30)

Discrimination of transport systems for methylmercury- cysteine uptake in rat erythrocytes by inhibitors and other factors. Wu G Pharmacological Research; 31 (3-4) p195-203 MAR-APR 1995 (BO2)

Internal exposure to hazardous substances of persons from various countries of origin - Investigations on exposure to lead, mercury, arsenic and cadmium. Schmid K; Lederer P; Schaller KH; Angerer J; Strebl H; Weber A Zentralblatt Fur Hygiene und Umweltmedizin; 199 (1) p24-37 NOV 1996 (BO7)

Hair analysis in environmental medicine. Wilhelm M; Idel H Zentralblatt Fur Hygiene und Umweltmedizin; 198 (6) p485-501 JUL 1996 (BO10)

In vivo XRF analysis of mercury: The relation between concentrations in the kidney and the urine. Borjesson J; Barregard L; Sallsten G; Schutz A; Jonson R; Alpsten M; Mattsson S Physics in Medicine and Biology; 40 (3) p413-426 MAR 1995 (BO20)

Localization of silver and mercury in human brain tissue Hansen JC Neurosci Lett 1983 suppl 14 S318 (BP19)

Trace elements in some human milk samples by radiochemical neutron activation analysis Kosta L, Byrne AR & Dermelj M Sci Total Envir 29 1982 261-268 (BP23)

Levels of antimony, arsenic, cadmium, copper, lead, mercury, selenium, tin and zinc in bone tissues of industrially exposed workers Lindh U, Brune D, Nordberg G, Wester PO Sci Total Envir 16 1980 109-116 (BP24)

Cellular discrimination processes in metal accumulating cells Simkiss K J Exp Biol 94 1981 317-347 (BP28)

Factors affecting internal mercury burdens among eastern German children. Trepka MJ; Henrich J; Krause C; Schulz C; Wjst M; Popescu M; Wichmann HE Archives of Environmental Health; 52 (2) p134-138 MAR-APR 1997 (BR36)

Strain differences in tissue concentrations of mercury in inbred mice treated with mercuric chloride Griem P, Scholz E, Turfeld M, Zander D, Wiesner U, Dunemann L, Gleichmann E Toxicol Appl Pharmacol 144 1997 163-170 (BR40)

Mercury dynamics in hair of rats exposed to methylmercury by synchrotron radiation X-ray fluorescence imaging. Shimojo N; Hommatakeda S; Ohuchi K; Shinyashiki M; Sun GF; Kumagai Y Life Sciences; 60 (23) p2129-2137 MAY 2 1997 (BR44)

Biological monitoring and evaluation of heavy metals burden of school children Piechotowski I, Jovanovic S, Kramer D, Lutz D, Gabrio T, Schwenk M N-S Arch Pharmacol suppl 349 1994 abstr 472 (BR51)

Disposition of metals in rats: a comparative study of fecal, urinary and biliary excretion and tissue distribution of eighteen metals Gregus Z & Klaassen CD Toxicol Appl Pharmacol 85 1986 24-38 (BR52)

Mercury values in urine from inhabitants of St. Petersburg S.E. Pogarev, V.V. Ryzhov N.R. Mashyanov and M.B. Sobolevi 193-198 Water, Air and Soil Pollution 97 no 1-2 1997 (BS18)

Internal exposure to hazardous substances of persons from various countries of origin - Investigations on exposure to lead, mercury, arsenic and cadmium. Schmid K; Lederer P; Schaller KH; Angerer J; Strebl H; Weber A Zentralblatt Fur Hygiene und Umweltmedizin; 199 (1) p24-37 NOV 1996 (BS33)

Untersuchungen zur Quecksilberbelastung von Kindern Rostek U, Wilhelm M, Krumme N, Idel H, Weishoff-Houben M, Dott W, Hafner D, Ranft U Zentralblatt Fur Hygiene und Umweltmedizin; 199(5) 1997 442 (abstr) (BS34)

Quecksilbergehalt im Urin, im Blut und in der Muttermilch von Wöchnerinnen Drexler H, Angerer J Zentralblatt Fur Hygiene und Umweltmedizin; 199(5) 1997 447 (abstr) (BS34)

Depletion of glutathione in the kidney and the renal disposition of administered inorganic mercury. Zalups RK; Lash LH Drug Metabolism and Disposition; 25 (4) p516-523 APR 1997 (BS42)

Urinary excretion of mercury, copper and zinc in subjects exposed to mercury vapour. Sallsten G; Barregard L Biometals; 10 (4) p357-361 OCT 1997 (BT51)

Binding of mercury in renal brush-border and basolateral membrane-vesicles - Implication of a cysteine conjugate of mercury involved in the luminal uptake of inorganic mercury in the kidney. Zalups RK; Lash LH Biochemical Pharmacology; 53 (12) p1889-1900 JUN 15 1997 (BU23)

Luminal and basolateral mechanisms involved in the renal tubular uptake of inorganic mercury. Zalups RK; Minor KH Journal of Toxicology and Environmental Health; 46 (1) p73-100 SEP 1995 (BU40)

Mercury uptake by LLC-PK1 cells: Dependence on temperature and membrane potential. Endo T; Kimura O; Sakata M; Shaikh ZA Toxicology and Applied Pharmacology; 146 (2) p294-298 OCT

1997 (BU49)

Mercury-Metallothionein and the Renal Accumulation and Handling of Mercury. Zalups RK; Cherian MG; Barfuss DW Toxicology; 83 (1-3) p61-78 OCT 25 1993 (BX34)

Effects of sulphhydryl compounds on the accumulation, removal and cytotoxicity of inorganic mercury by primary cultures of rat renal cortical epithelial cells. Endo T; Sakata M Pharmacology & Toxicology; 76 (3) p190-195 MAR 1995 (BX41)

Elevated blood mercury following the ingestion of mercurochrome. Luk JKH; Yeung VTF; Chan TYK Journal of Toxicology - Clinical Toxicology; 35 (6) p657-658 1997 (BY23)

Hair methylmercury levels in US women. Smith JC; Allen PV; Vonburg R Archives of Environmental Health; 52 (6) p476-480 NOV-DEC 1997 (BZ26)

Inorganic mercury (Hg^{2+}) transport through lipid bilayer membranes Gutknecht J J Membr Biol 61 1981 61-66 (CA9)

Transport of mercury compounds across bimolecular lipid membranes: effect of lipid composition, pH and chloride concentration Bienvenue E et al Chem-biol Interact 48 1984 91-101 (CA10)

Are blood, urine hair and muscle valid biomonitor for the internal burden of men with the heavy metals mercury, lead and cadmium Drasch G, Wanghofer E, Roider G Trace Elemt Electr 14 1997 116-123 (CB49)

Concentrations of some trace elements in hair, liver and kidney from autopsy subjects--relationship between hair and internal organs. Muramatsu Y; Parr RM Sci Total Environ 1988 Sep 15;76(1):29-40 (CD27)

On the mechanism of transfer of heavy metals across cell membranes. Foulkes EC Toxicology 1988 Nov 30;52(3):263-72 (CD28)

Demonstration of mercury in the human brain and other organs 17 years after metallic mercury exposure. Opitz H; Schweinsberg F; Grossmann T Wendt-Gailitelli MF; Mcyermann R Clin Neuropathol 1996 May-Jun;15(3):139-44 (CD54)