1. Abernathy CO, Liu YP, Longfellow D, Aposhian HV, Beck B, Fowler B, Goyer R, Menzer R, Rossman T, Thompson C and others. 1999. Arsenic: health effects, mechanisms of actions, and research issues. Environ Health Perspect 107:593-7.

2. Agency for Toxic Substances and Disease Registry. 1999a. Toxicological profile for cadmium [Web Page]. Located at: http://www.atsdr.cdc.gov/toxprofiles/tp5.html.

3. Agency for Toxic Substances and Disease Registry. 1999b. Toxicological profile for mercury (update) [Web Page]. Located at: http://www.atsdr.cdc.gov/toxprofiles/tp46.html.

4. Agency for Toxic Substances and Disease Registry. 2000a. Toxicological profile for arsenic [Web Page]. Located at: http://www.atsdr.cdc.gov/toxprofiles/tp2.html.

5. Agency for Toxic Substances and Disease Registry. 2000b. Toxicological profile for manganese [Web Page]. Located at: http://www.atsdr.cdc.gov/toxprofiles/tp151.html.

6. Agocs MM, Etzel RA, Parrish RG, Paschal DC, Campagna PR, Cohen DS, Kilbourne EM, Hesse JL. 1990. Mercury exposure from interior latex paint. N Engl J Med 323:1096-101.

7. Ahmad SA, Sayed MH, Barua S, Khan MH, Faruquee MH, Jalil A, Hadi SA, Talukder HK. 2001. Arsenic in drinking water and pregnancy outcomes. Environ Health Perspect 109:629-31.

8. Akagi H, Grandjean P, Takizawa Y, Weihe P. 1998. Methylmercury dose estimation from umbilical cord concentrations in patients with Minamata disease. Environ Res 77:98-103.

9. Altenkirch H, Stoltenburg-Didinger G, Koeppel C. 1988. The neurotoxicological aspects of the toxic oil syndrome (TOS) in Spain. Toxicology 49:25-34.

10. Amin-zaki L, Majeed MA, Clarkson TW, Greenwood MR. 1978. Methylmercury poisoning in Iraqi children: clinical observations over two years. Br Med J 1:613-6.

11. Amin-Zaki L, Majeed MA, Elhassani SB, Clarkson TW, Greenwood MR, Doherty RA. 1979. Prenatal methylmercury poisoning. Clinical observations over five years. Am J Dis Child 133:172-7.

12. Annau Z, Cuomo V. 1988. Mechanisms of neurotoxicity and their relationship to behavioral changes. Toxicology 49:219-25.

13. Aschengrau A , Zierler S, Cohen A. 1989. Quality of community drinking water and the occurrence of spontaneous abortion. Arch Environ Health 44:283-90.

14. Aschner M. 1997. Astrocyte metallothioneins (MTs) and their neuroprotective role. Ann N Y Acad Sci 825:334-47.

15. Aschner M. 2000. Manganese: brain transport and emerging research needs. Environ Health Perspect 108 Suppl 3:429-32.

16. Aschner M, Gannon M, Kimelberg HK. 1992. Manganese uptake and efflux in cultured rat astrocytes. J Neurochem 58:730-5.

17. Aschner M, Vrana KE, Zheng W. 1999. Manganese uptake and distribution in the central nervous system (CNS). Neurotoxicology 20:173-80.

18. Audesirk G, Armstrong D, van den Maagdenberg AMJM, Atchison W, Shafer T, Fletcher C. 2000. Calcium channels: critical targets of toxicants and diseases. Environ Health Perspect 108:1215-18.

19. Axtell CD, Cox C, Myers GJ, Davidson PW, Choi AL, Cernichiari E, Sloane-Reeves J, Shamlaye CF, Clarkson TW. 2000. Association between methylmercury exposure from fish consumption and child development at five and a half

years of age in the Seychelles Child Development Study: an evaluation of nonlinear relationships. Environ Res 84:71-80.

20. Axtell CD, Myers GJ, Davidson PW, Choi AL, Cernichiari E, Sloane-Reeves J, Cox C, Shamlaye C, Clarkson TW. 1998. Semiparametric modeling of age at achieving developmental milestones after prenatal exposure to methylmercury in the Seychelles child development study. Environ Health Perspect 106:559-63.

21. Baker EL Jr, Hayes CG, Landrigan PJ, Handke JL, Leger RT, Housworth WJ, Harrington JM. 1977. A nationwide survey of heavy metal absorption in children living near primary copper, lead, and zinc smelters. Am J Epidemiol 106:261-73.

22. Benes B, Spevackova V, Smid J, Cejchanova M, Cerna M, Subrt P, Marecek J. 2000. The concentration levels of Cd, Pb, Hg, Cu, Zn and Se in blood of the population in the Czech Republic. Cent Eur J Public Health 8:117-9.

23. Benoit JM, Fitzgerald WF, Damman AW. 1998. The biogeochemistry of an ombrotrophic bog: evaluation of use as an archive of atmosphere mercury deposition. Environ Res 78:118-33.

24. Beusterien KM, Etzel RA, Agocs MM, Egeland GM, Socie EM, Rouse MA, Mortensen BK. 1991. Indoor air mercury concentrations following application of interior latex paint. Arch Environ Contam Toxicol 21:62-4.

25. Beuter A, Edwards R, deGeoffroy A, Mergler D, Hundnell K. 1999. Quantification of neuromotor function for detection of the effects of manganese. Neurotoxicology 20:355-66.

26. Beyersmann D, Hechtenberg S. 1997. Cadmium, gene regulation, and cellular signalling in mammalian cells. Toxicol Appl Pharmacol 144:247-61.

27. Bird ED, Anton AH, Bullock B. 1984. The effect of manganese inhalation on basal ganglia dopamine concentrations in rhesus monkey. Neurotoxicology 5:59-65.

28. Bonithon-Kopp C, Huel G, Moreau T, Wendling R. 1986. Prenatal exposure to lead and cadmium and psychomotor development of the child at 6 years. Neurobehav Toxicol Teratol 8:307-10.

29. Brouwer OF, Onkenhout W, Edelbroek PM, de Kom JF, de Wolff FA, Peters AC. 1992. Increased neurotoxicity of arsenic in methylenetetrahydrofolate reductase deficiency. Clin Neurol Neurosurg 94:307-10.

30. Budtz-Jorgensen E, Grandjean P, Keiding N, White RF, Weihe P. 2000. Benchmark dose calculations of methylmercury-associated neurobehavioural deficits. Toxicol Lett 112-113:193-9.

31. Budtz-Jorgensen E, Keiding N, Grandjean P, White R, Weihe P. 1999. Methylmercury neurotoxicity independent of PCB exposure. Environ Health Perspect 107:7-9.

32. Calderon RL, Hudgens E, Le XC, Schreinemachers D, Thomas DJ. 1999. Excretion of arsenic in urine as a function of exposure to arsenic in drinking water. Environ Health Perspect 107:663-7.

33. Cawte J, Kilburn C, Florence M. 1989. Motor neurone disease of the western Pacific: do the foci extend to Australia? Neurotoxicology 10:263-70.

34. Center for Food Safety and Applied Nutrition UF. 2001 Mar. An important message for pregnant women and women of childbearing age who may become pregnant about the risks of mercury in fish [Web Page]. Located at: http://vm.cfsan.fda.gov/~dms/admehg.html.

35. Centers for Disease Control and Prevention. 1995. Mercury exposure in a residential community--Florida, 1994. MMWR Morb Mortal Wkly Rep 44:436-7, 443.

36. Centers for Disease Control and Prevention. 1996a. Update: Mercury poisoning associated with beauty cream - Arizona, California, New Mexico, and Texas, 1996. MMWR 45:633-5.

37. Centers for Disease Control and Prevention. 1996b. Mercury exposure among residents of a building formerly used for

industrial purposes--New Jersey, 1995. MMWR 45:422-4.

38. Centers for Disease Control and Prevention. 2000. Summary of the joint statement on thimerosal in vaccines. American Academy of Family Physicians, American Academy of Pediatrics, Advisory Committee on Immunization Practices, Public Health Service. MMWR 49:622, 631.

39. Centers for Disease Control and Prevention. 2001. National report on human exposure to environmental chemicals [Web Page]. Located at: http://www.cdc.gov/nceh/dls/report/PDF/CompleteReport.pdf.

40. Chou WC, Hawkins AL, Barrett JF, Griffin CA, Dang CV. 2001. Arsenic inhibition of telomerase transcription leads to genetic instability. J Clin Invest 108:1541-7.

41. Concha G, Vogler G, Lezcano D, Nermell B, Vahter M. 1998. Exposure to inorganic arsenic metabolites during early human development. Toxicol Sci 44:185-90.

42. Crump KS. 2000. Manganese exposures in Toronto during use of the gasoline additive, methylcyclopentadienyl manganese tricarbonyl . J Expo Anal Environ Epidemiol 10:227-39.

43. Crump KS, Van Landingham C, Shamlaye C, Cox C, Davidson PW, Myers GJ, Clarkson TW. 2000. Benchmark concentrations for methylmercury obtained from the Seychelles Child Development Study. Environ Health Perspect 108:257-63.

44. Dabeka RW, McKenzie AD, Lacroix GM, Cleroux C, Bowe S, Graham RA, Conacher HB, Verdier P. 1993. Survey of arsenic in total diet food composites and estimation of the dietary intake of arsenic by Canadian adults and children. J AOAC Int 76:14-25.

45. Dalgard C, Grandjean P, Jorgensen PJ, Weihe P. 1994. Mercury in the umbilical cord:implications for risk assessment for Minamata disease. Environ Health Perspect 102:548-50.

46. Davidson PW, Myers GJ, Cox C, Axtell C, Shamlaye C, Sloane-Reeves J, Cernichiari E, Needham L, Choi A, Wang Y and others. 1998. Effects of prenatal and postnatal methylmercury exposure from fish consumption on neurodevelopment: outcomes at 66 months of age in the Seychelles Child Development Study. JAMA 280:701-7.

47. Davidson PW, Myers GJ, Cox C, Shamlaye CF, Marsh DO, Tanner MA, Berlin M, SloaneReeves J, Cernichiari E, Choisy O and others. 1995. Longitudinal neurodevelopmental study of Seychellois children following in utero exposure to methylmercury from maternal fish ingestion: outcomes at 19 and 29 months. Neurotoxicology 16:677-88.

48. Davis JM. 1999. Inhalation health risks of manganese: an EPA perspective. Neurotoxicology 20:511-8.

49. De Flora S, Bennicelli C, Bagnasco M. 1994. Genotoxicity of mercury compounds. A review. Mutat Res 317:57-79.

50. Diamond GL, Zalups RK. 1998. Understanding renal toxicity of heavy metals. Toxicol Pathol 26:92-103.

51. Dorman DC, Struve MF, Vitarella D, Byerly FL, Goetz J, Miller R. 2000. Neurotoxicity of manganese chloride in neonatal and adult CD rats following subchronic (21-day) high-dose oral exposure. J Appl Toxicol 20:179-87.

52. Dorner K, Dziadzka S, Hohn A, Sievers E, Oldigs HD, Schulz-Lell G, Schaub J. 1989. Longitudinal manganese and copper balances in young infants and preterm infants fed on breast-milk and adapted cow's milk formulas. Br J Nutr 61:559-72.

53. Dulout FN, Grillo CA, Seoane AI, Maderna CR, Nilsson R, Vahter M, Darroudi F, Natarajan AT. 1996. Chromosomal aberrations in peripheral blood lymphocytes from Native Andean women and children from northwestern Argentina exposed to arsenic in drinking water. Mutat Res 370:151-8.

54. Dumont C, Girard M, Bellavance F, Noel F. 1998. Mercury levels in the Cree population of James Bay, Quebec, from 1988 to 1993/94. CMAJ 158:1439-45.

55. Eklund G, Oskarsson A. 1999. Exposure of cadmium from infant formulas and weaning foods. Food Addit Contam

16:509-19.

56. Evans J, Hastings L. 1992. Accumulation of Cd(II) in the CNS depending on the route of administration: intraperitoneal, intratracheal, or intranasal. Fundam Appl Toxicol 19:275-8.

57. Fell JM, Reynolds AP, Meadows N, Khan K, Long SG, Quaghebeur G, Taylor WJ, Milla PJ. 1996. Manganese toxicity in children receiving long-term parenteral nutrition. Lancet 347:1218-21.

58. Fessenden JD , Chen L, Wang Y, Paolini C, Franzini-Armstrong C, Allen PD, Pessah IN. 2001. Ryanodine receptor point mutant E4032A reveals an allosteric interaction with ryanodine. Proc Natl Acad Sci USA 98:2865-70.

59. Forman J, Moline J, Cernichiari E, Sayegh S, Torres JC, Landrigan MM, Hudson J, Adel HN, Landrigan PJ. 2000. A cluster of pediatric metallic mercury exposure cases treated with meso-2,3-dimercaptosuccinic acid (DMSA). Environ Health Perspect 108:575-7.

60. Friis L, Petersson L, Edling C. 1998. Reduced cadmium levels in human kidney cortex in Sweden. Environ Health Perspect . 106:175-8.

61. Gilbert SG, Grant-Webster KS. 1995. Neurobehavioral effects of developmental methylmercury exposure. Environ Health Perspect 103 Suppl 6:135-42.

62. Goering PL, Aposhian HV, Mass MJ, Cebrian M, Beck BD, Waalkes MP. 1999. The enigma of arsenic carcinogenesis: role of metabolism. Toxicol Sci 49:5-14.

63. Goldman LR. 1995. Case studies of environmental risks to children. Future Child 5:27-33.

64. Golub MS, Macintosh MS, Baumrind N. 1998. Developmental and reproductive toxicity of inorganic arsenic: animal studies and human concerns. J Toxicol Environ Health B Crit Rev 1:199-241.

65. Gotelli CA, Astolfi E, Cox C, Cernichiari E, Clarkson TW. 1985. Early biochemical effects of an organic mercury fungicide on infants: "dose makes the poison". Science 227:638-40.

66. Goyer RA. 1990. Environmentally related diseases of the urinary tract. Med Clin North Am 74:377-89.

67. Grandjean P. 1997. Mercurial uncertainties in environmental health. Ann N Y Acad Sci 837:239-45.

68. Grandjean P, Budtz-Jorgensen E, White RF, Jorgensen PJ, Weihe P, Debes F, Keiding N. 1999. Methylmercury exposure biomarkers as indicators of neurotoxicity in children aged 7 years. Am J Epidemiol 150:301-5.

69. Grandjean P, Weihe P, Burse VW, Needham LL, Storr-Hansen E, Heinzow B, Debes F, Murata K, Simonsen H, Ellefsen P and others. 2001. Neurobehavioral deficits associated with PCB in 7-year-old children prenatally exposed to seafood neurotoxicants. Neurotoxicol Teratol 23:305-17.

70. Grandjean P, Weihe P, Jorgensen PJ, Clarkson T, Cernichiari E, Videro T. 1992. Impact of maternal seafood diet on fetal exposure to mercury, selenium, and lead. Arch Environ Health 47:185-95.

71. Grandjean P, Weihe P, White RF. 1995. Milestone development in infants exposed to methylmercury from human milk. Neurotoxicology 16:27-33.

72. Grandjean P, Weihe P, White RF, Debes F. 1998. Cognitive performance of children prenatally exposed to "safe" levels of methylmercury. Environ Res 77:165-72.

73. Grandjean P, Weihe P, White RF, Debes F, Araki S, Yokoyama K , Murata K, Sorensen N, Dahl R, Jorgensen PJ. 1997. Cognitive deficit in 7-year-old children with prenatal exposure to methylmercury. Neurotoxicol Teratol 19:417-28.

74. Gunderson VM, Grant-Webster KS, Burbacher TM, Mottet NK. 1988. Visual recognition memory deficits in methylmercury-exposed Macaca fascicularis infants. Neurotoxicol Teratol 10:373-9.

75. Harada M. 1977. Congenital Minimata disease. In Minimata Disease: Methylmercury poisoning in Minimata and Niigata, Japan, edited by Tsubaki R and Irukayama K. New York, pp 209-239: Elsevier Scientific Publishing Company.

76. Harada M. 1995. Minamata disease: methylmercury poisoning in Japan caused by environmental pollution. Crit Rev Toxicol 25:1-24.

77. Hartwell TD, Handy RW, Harris BS, Williams SR, Gehlbach SH. 1983. Heavy metal exposure in populations living around zinc and copper smelters. Arch Environ Health 38:284-95.

78. Hartwig A. 1998. Carcinogenicity of metal compounds: possible role of DNA repair inhibition. Toxicol Lett 102-103:235-9.

79. He P, Liu DH, Zhang GQ. 1994. Effects of high-level-manganese sewage irrigation on children's neurobehavior. Chung Hua Yu Fang I Hsueh Tsa Chih 28:216-8.

80. Hopenhayn-Rich C, Browning SR, Hertz-Picciotto I, Ferreccio C, Peralta C, Gibb H. 2000. Chronic arsenic exposure and risk of infant mortality in two areas of Chile. Environ Health Perspect 108:667-73.

81. Hunter D. 1969. The Disease of Occupations. 5th ed. London: English Universities Press.

82. Ihrig MM, Shalat SL, Baynes C. 1998. A hospital-based case-control study of stillbirths and environmental exposure to arsenic using an atmospheric dispersion model linked to a geographical information system. Epidemiology 9:290-4.

83. Ikeda M, Zhang ZW, Moon CS, Shimbo S, Watanabe T, Nakatsuka H, Matsuda-Inoguchi N, Higashikawa K. 2000a. Possible effects of environmental cadmium exposure on kidney function in the Japanese general population. Int Arch Occup Environ Health 73:15-25.

84. Ikeda M, Zhang ZW, Shimbo S, Watanabe T, Nakatsuka H, Moon CS, Matsuda-Inoguchi N, Higashikawa K. 2000b. Urban population exposure to lead and cadmium in east and south-east Asia. Sci Total Environ 249:373-84.

85. International Agency for Research on Cancer. 1980. IARC monographs on the evaluation of carcinogenic risks to humans. Vol. 23. Arsenic and arsenic compounds. Lyon, France.

86. International Agency for Research on Cancer. 1994. Beryllium, cadmium, mercury, and exposures in the glass manufacturing industry. Volume 58 ed. Lyon, France.

87. Iwata K, Saito H, Moriyama M, Nakano A. 1993. Renal tubular function after reduction of environmental cadmium exposure: a ten-year follow-up. Arch Environ Health 48:157-63.

88. Jarup L, Berglund M, Elinder CG, Nordberg G, Vahter M. 1998. Health effects of cadmium exposure--a review of the literature and a risk estimate. Scand J Work Environ Health 24 Suppl 1:1-51.

89. Jin T, Lu J, Nordberg M. 1998. Toxicokinetics and biochemistry of cadmium with special emphasis on the role of metallothionein. Neurotoxicology 19:529-35.

90. Johansen P, Pars T, Bjerregaard P. 2000. Lead, cadmium, mercury and selenium intake by Greenlanders from local marine food. Sci Total Environ 245:187-94.

91. Jokstad A, Thomassen Y, Bye E, Clench-Aas J, Aaseth J. 1992. Dental amalgam and mercury. Pharmacol Toxicol 70:308-13.

92. Jorhem L, Slorach S, Sundstrom B, Ohlin B. 1991. Lead, cadmium, arsenic and mercury in meat, liver and kidney of Swedish pigs and cattle in 1984-88. Food Addit Contam 8:201-11.

93. Kenyon EM, Hughes MF. 2001. A concise review of the toxicity and carcinogenicity of dimethylarsinic acid. Toxicology 160:227-36.

94. Kiely PD, Thiru S, Oliveira DB. 1995. Inflammatory polyarthritis induced by mercuric chloride in the Brown Norway rat. Lab Invest 73:284-93.

95. Kim C, Chan HM, Receveur O. 1998. Risk assessment of cadmium exposure in Fort Resolution, Northwest Territories, Canada. Food Addit Contam 15. 15:307-17.

96. Klaassen CD, Liu J, Choudhuri S. 1999. Metallothionein: an intracellular protein to protect against cadmium toxicity. Annu Rev Pharmacol Toxicol 39:267-94.

97. Komaki H, Maisawa S, Sugai K, Kobayashi Y, Hashimoto T. 1999. Tremor and seizures associated with chronic manganese intoxication. Brain 21:122-4.

98. Kondakis XG, Makris N, Leotsinidis M, Prinou M, Papapetropoulos T. 1989. Possible health effects of high manganese concentration in drinking water. Arch Environ Health 44:175-8.

99. Kuhnert PM, Kuhnert BR, Erhard P. 1981. Comparison of mercury levels in maternal blood, fetal cord blood, and placental tissues. Am J Obstet Gynecol 139:209-13.

100. Lauwerys RR , Bernard AM, Roels HA, Buchet JP. 1994. Cadmium: exposure markers as predictors of nephrotoxic effects. Clin Chem 40:1391-4.

101. Le XC, Lu X, Ma M, Cullen WR, Aposhian HV, Zheng B. 2000. Speciation of key arsenic metabolic intermediates in human urine. Anal Chem 72:5172-7.

102. Lemus R, Abdelghani AA, Akers TG, Horner WE. 1996. Health risks from exposure to metals in household dusts. Rev Environ Health 11:179-89.

103. Loranger S, Bibeau MC, Zayed J. 1994. [Manganese in drinking water and its contribution to human exposure]. Rev Epidemiol Sante Publique 42:315-21.

104. Loranger S, Zayed J. 1995. Environmental and occupational exposure to manganese: a multimedia assessment. Int Arch Occup Environ Health 67:101-10.

105. Loranger S, Zayed J. 1997. Environmental contamination and human exposure assessment to manganese in the StLawrence River ecozone (Quebec, Canada) using an environmental fate/exposure model: GEOTOX. SAR QSAR Environ Res 6:105-19.

106. Lyznicki JM, Karlan MS, Khan MK. 1999. Manganese in gasoline. Council on Scientific Affairs, American Medical Association. J Occup Environ Med 41:140-3.

107. MacIntosh DL, Spengler JD, Ozkaynak H, Tsai L, Ryan PB. 1996. Dietary exposures to selected metals and pesticides. Environ Health Perspect 104:202-9.

108. Malm O. 1998. Gold mining as a source of mercury exposure in the Brazilian Amazon. Environ Res 77:73-8.

109. Marlowe M, Stellern J, Errera J, Moon C. 1985. Main and interaction effects of metal pollutants on visual-motor performance. Arch Environ Health 40:221-5.

110. Marsh DO, Clarkson TW, Myers GJ, Davidson PW, Cox C, Cernichiari E, Tanner MA, Lednar W, Shamlaye C, Choisy O and others. 1995. The Seychelles study of fetal methylmercury exposure and child development: introduction. Neurotoxicology 16:583-96.

111. Marsh DO, Myers GJ, Clarkson TW, Amin-Zaki L, Tikriti S, Majeed MA. 1980. Fetal methylmercury poisoning: clinical and toxicological data on 29 cases. Ann Neurol 7:348-53.

112. Marsh DO, Turner MD, Smith JC, Allen P, Richdale N. 1995. Fetal methylmercury study in a Peruvian fish-eating population. Neurotoxicology 16:717-26.

113. Mena I, Horiuchi K, Burke K, Cotzias GC. 1969. Chronic manganese poisoning. Individual susceptibility and absorption of iron. Neurology 19:1000-6.

114. Meplan C, Verhaegh G, Richard MJ, Hainaut P. 1999. Metal ions as regulators of the conformation and function of the tumour suppressor protein p53: implications for carcinogenesis. Proc Nutr Soc 58:565-71.

115. Mergler D, Baldwin M. 1997. Early manifestations of manganese neurotoxicity in humans: an update. Environ Res 73:92-100.

116. Murata K, Weihe P, Araki S, Budtz-Jorgensen E, Grandjean P. 1999. Evoked potentials in Faroese children prenatally exposed to methylmercury. Neurotoxicol Teratol 21:471-2.

117. Murphy VA, Rosenberg JM, Smith QR, Rapoport SI. 1991. Elevation of brain manganese in calcium-deficient rats. Neurotoxicology 12:255-63.

118. Myers GJ, Davidson PW. 1998. Prenatal methylmercury exposure and children: neurologic, developmental, and behavioral research. Environ Health Perspect 106 Suppl 3:841-7.

119. Myers GJ, Davidson PW, Palumbo D, Shamlaye C, Cox C, Cernichiari E, Clarkson TW. 2000. Secondary analysis from the Seychelles Child Development Study: the child behavior checklist. Environ Res 84:12-9.

120. Myers GJ, Davidson PW, Shamlaye CF. 1998. A review of methylmercury and child development. Neurotoxicology 19:313-28.

121. Myers GJ, Davidson PW, Shamlaye CF, Axtell CD, Cernichiari E, Choisy O, Choi A, Cox C, Clarkson TW. 1997. Effects of prenatal methylmercury exposure from a high fish diet on developmental milestones in the Seychelles Child Development Study. Neurotoxicology 18:819-29.

122. Myers GJ, Marsh DO, Davidson PW, Cox C, Shamlaye CF, Tanner M, Choi A, Cernichiari E, Choisy O, Clarkson TW. 1995. Main neurodevelopmental study of Seychellois children following in utero exposure to methylmercury from a maternal fish diet: outcome at six months. Neurotoxicology 16:653-64.

123. National Academy of Sciences. 1994. Science and judgment in risk assessment. Washington, D.C.: National Academy Press.

124. National Academy of Sciences. 1999. Arsenic in drinking water. Washington, D.C.: National Academy Press.

125. National Academy of Sciences. 2000. Toxicological effects of methylmercury. Washington, D.C.: National Academy Press.

126. National Academy of Sciences. 2001. Arsenic in drinking water. 2001 update . Washington, DC: National Academy Press.

127. Newland MC. 1999. Animal models of manganese's neurotoxicity. Neurotoxicology 20:415-32.

128. Nordberg GF , Jin T, Nordberg M. 1994. Subcellular targets of cadmium nephrotoxicity: cadmium binding to renal membrane proteins in animals with or without protective metallothionein synthesis\. Environ Health Perspect 102 Suppl 3:191-4.

129. Nordberg M, Nordberg GF. 2000. Toxicological aspects of metallothionein. Cell Mol Biol (Noisy-Le-Grand) 46:451-63.

130. Oo YK, Kobayashi E, Nogawa K, Okubo Y, Suwazono Y, Kido T, Nakagawa H. 2000. Renal effects of cadmium intake of a Japanese general population in two areas unpolluted by cadmium. Arch Environ Health 55:98-103.

131. Osius N, Karmaus W, Kruse H, Witten J. 1999. Exposure to polychlorinated biphenyls and levels of thyroid hormones in children. Environ Health Perspect 107:843-9.

132. Oskarsson A, Schultz A, Skerfving S, Hallen IP, Ohlin B, Lagerkvist BJ. 1996. Total and inorganic mercury in breast milk in relation to fish consumption and amalgam in lactating women. Arch Environ Health 51:234-41.

133. Osman K, Akesson A, Berglund M, Bremme K, Schutz A, Ask K, Vahter M. 2000. Toxic and essential elements in placentas of Swedish women. Clin Biochem 33:131-8.

134. Palumbo DR, Cox C, Davidson PW, Myers GJ, Choi A, Shamlaye C, Sloane-Reeves J, Cernichiari E, Clarkson TW. 2000. Association between prenatal exposure to methylmercury and cognitive functioning in Seychellois children: a reanalysis of the McCarthy Scales of Children's Ability from the main cohort study. Environ Res 84:81-8.

135. Park MJ, Currier M. 1991. Arsenic exposures in Mississippi: a review of cases. South Med J 84:461-4.

136. Paschal DC, Burt V, Caudill SP, Gunter EW, Pirkle JL, Sampson EJ, Miller DT, Jackson RJ. 2000. Exposure of the U.S. population aged 6 years and older to cadmium: 1988- 1994. Arch Environ Contam Toxicol 38:377-83.

137. Pellizzari ED, Perritt RL, Clayton CA. 1999. National human exposure assessment survey (NHEXAS): exploratory survey of exposure among population subgroups in EPA Region V. J Expo Anal Environ Epidemiol 9:49-55.

138. Peraza MA, Ayala-Fierro F, Barber DS, Casarez E, Rael LT. 1998. Effects of micronutrients on metal toxicity. Environ Health Perspect 106 Suppl 1:203-16.

139. Perl DP, Good PF. 1991. Aluminum, Alzheimer's disease, and the olfactory system. Ann N Y Acad Sci 640:8-13.

140. Petrick JS, Ayala-Fierro F, Cullen WR, Carter DE, Vasken Aposhian H. 2000. Monomethylarsonous acid (MMA(III)) is more toxic than arsenite in Chang human hepatocytes. Toxicol Appl Pharmacol 163:203-7.

141. Rasmussen PE, Subramanian KS, Jessiman BJ. 2001. A multi-element profile of housedust in relation to exterior dust and soils in the city of Ottawa, Canada. Sci Total Environ 267:125-40.

142. Rice DC, Hayward S. 1999. Comparison of visual function at adulthood and during aging in monkeys exposed to lead or methylmercury. Neurotoxicology 20:767-84.

143. Richardson GM. 1995. Assessment of mercury exposure and risks from dental amalgam. Ottawa: Health Canada.

144. Rikans LE, Yamano T. 2000. Mechanisms of cadmium-mediated acute hepatotoxicity. J Biochem Mol Toxicol 14:110-7.

145. Riley DM, Newby CA, Leal-Almeraz TO, Thomas VM. 2001. Assessing elemental mercury vapor exposure from cultural and religious practices. Environ Health Perspect 109:779-84.

146. Ritz B, Heinrich J, Wjst M, Wichmann E, Krause C. 1998. Effect of cadmium body burden on immune response of school children. Arch Environ Health 53:272-80.

147. Sandborgh-Englund G, Elinder CG, Langworth S, Schutz A, Ekstrand J. 1998. Mercury in biological fluids after amalgam removal. J Dent Res 77:615-24.

148. Santos-Burgoa C, Downs TJ. 2000. Selecting high-priority hazardous chemicals for tri-national control: a maximum-utility method applied to Mexico. Int J Occup Environ Health 6:220-37.

149. Seifert B, Becker K, Helm D, Krause C, Schulz C, Seiwert M. 2000. The German environmental survey 1990/1992 (GerES II): reference concentrations of selected environmental pollutants in blood, urine, hair, house dust, drinking water and indoor air. J Expo Anal Environ Epidemiol 10:552-65.

150. Shimbo S, Zhang ZW, Moon CS, Watanabe T, Nakatsuka H, Matsuda-Inoguchi N, Higashikawa K, Ikeda M. 2000. Correlation between urine and blood concentrations, and dietary intake of cadmium and lead among women in the general population of Japan. Int Arch Occup Environ Health 73:163-70.

151. Simpkins CO. 2000. Metallothionein in human disease. Cell Mol Biol (Noisy-Le-Grand) 46:465-88.

152. Skerfving S. 1988. Mercury in women exposed to methylmercury through fish consumption, and in their newborn babies and breast milk. Bull Environ Contam Toxicol 41:475-82.

153. Slemr F, Langer E. 1992. Increase in global atmospheric concentrations of mercury inferred from measurements over the Atlantic Ocean. Nature 355:434-7.

154. Smith AH, Arroyo AP, Mazumder DN, Kosnett MJ, Hernandez AL, Beeris M, Smith MM, Moore LE. 2000a. Arsenic-induced skin lesions among Atacameno people in Northern Chile despite good nutrition and centuries of exposure. Environ Health Perspect 108:617-20.

155. Smith AH, Lingas EO, Rahman M. 2000b. Contamination of drinking-water by arsenic in Bangladesh: a public health emergency. Bull World Health Organ 78:1093-103.

156. Snyder RD. 1971. Congenital mercury poisoning. N Engl J Med 284:1014-6.

157. Snyder RD, Seelinger DF. 1976. Methylmercury poisoning, Clinical follow-up and sensory nerve conduction studies. J Neurol Neurosurg Psychiatry 39:701-4.

158. Stern AH. 1993. Re-evaluation of the reference dose for methylmercury and assessment of current exposure levels. Risk Anal 13:355-64.

159. Swain EB, Engstrom DR, Bingham ME, Henning TA, Brezonik PL. 1992. Increasing rates of atmospheric mercury deposition in midcontinental North America. Science 257:784-7.

160. Swartz WJ. 1984. Effects of 1,1-bis(p-chlorophenyl)-2,2,2-trichloroethane (DDT) on gonadal development in the chick embryo: a histological and histochemical study. Environ Res 35:333-45.

161. Thatcher RW, Lester ML, McAlaster R, Horst R. 1982. Effects of low levels of cadmium and lead on cognitive functioning in children. Arch Environ Health 37:159-66.

162. Thomas DJ, Styblo M, Lin S. 2001. The cellular metabolism and systemic toxicity of arsenic. Toxicol Appl Pharmacol 176:127-44.

163. Trepka MJ, Heinrich J, Krause C, Schulz C, Wjst M, Popescu M, Wichmann HE. 1997. Factors affecting internal mercury burdens among eastern German children. Arch Environ Health 52:134-8.

164. Tsuchiya K. 1992. The discovery of the causal agent of Minamata disease. Am J Ind Med 21:275-80.

165. U.S. Environmental Protection Agency. 1994. Cadmium [Web Page]. Located at: http://www.epa.gov/iris/subst/0141.htm.

166. U.S. Environmental Protection Agency. 2000. 40 CFR Parts 141 and 142. National drinking water regulations; arsenic and clarifications to compliance and new source contaminants monitoring; proposed rule. Federal Register 65:38888-983.

167. U.S. Environmental Protection Agency. 2001. Hazard identification and toxicology endpoint selection for inorganic arsenic and inorganic chromium. FIFRA Scientific Advisory Panel background document [Web Page]. Located at: http://www.epa.gov/scipoly/sap/2001/october/hazard_final_document.pdf.

168. Vahter M, Concha G. 2001. Role of metabolism in arsenic toxicity. Pharmacol Toxicol 89:1-5.

169. Wallace L, Slonecker T. 1997. Ambient air concentrations of fine (PM2.5) manganese in U.S. national parks and in California and Canadian cities: the possible impact of adding MMT to unleaded gasoline. J Air Waste Manag Assoc 47:642-52.

170. Warkany J, Hubbard DM. 1951. Adverse mercurial reactions in the form of acrodynia and related conditions. Am J Dis Child 81:335-73.

171. Watanabe C, Satoh H. 1996. Evolution of our understanding of methylmercury as a health threat. Environ Health Perspect 104 Suppl 2:367-79.

172. Watanabe T, Shimbo S, Moon CS, Zhang ZW, Ikeda M. 1996. Cadmium contents in rice samples from various areas in the world. Sci Total Environ 184:191-6.

173. Watanabe T, Zhang ZW, Moon CS, Shimbo S, Nakatsuka H, Matsuda-Inoguchi N, Higashikawa K, Ikeda M. 2000. Cadmium exposure of women in general populations in Japan during 1991-1997 compared with 1977-1981. Int Arch Occup Environ Health 73:26-34.

174. Wheatley B, Paradis S. 1996. Balancing human exposure, risk and reality: questions raised by the Canadian aboriginal methylmercury program. Neurotoxicology 17:241-9.

175. Wheatley B, Paradis S. 1998. Northern exposure: further analysis of the results of the Canadian aboriginal methylmercury program. Int J Circumpolar Health 57 Suppl 1:586-90.

176. World Health Organization. 1990a. Environmental health criteria 101. Methylmercury [Web Page]. Located at: http://www.inchem.org/documents/ehc/ehc/ehc101.htm.

177. World Health Organization. 1990b. Evaluation of certain food additives and the contaminants mercury, lead and cadmium. Sixteenth report of the Joint FAO/WHO Committee of Food Additives. WHO Technical Report Series no 505. Geneva, Switzerland.

178. Wulff M, Hogberg U, Sandstrom A. 1996. Cancer incidence for children born in a smelting community. Acta Oncol 35:179-83.

179. Yamanaka K, Okada S. 1994. Induction of lung-specific DNA damage by metabolically methylated arsenics via the production of free radicals. Environ Health Perspect 102 Suppl 3:37-40.

180. Zayed J, Vyskocil A, Kennedy G. 1999. Environmental contamination and human exposure to manganese--contribution of methylcyclopentadienyl manganese tricarbonyl in unleaded gasoline. Int Arch Occup Environ Health 72:7-13.

181. Zhang G, Liu D, He P. 1995. Effects of manganese on learning abilities in school children. Chung Hua Yu Fang I Hsueh Tsa Chih 29:156-8.

182. Zheng W, Ren S, Graziano JH. 1998. Manganese inhibits mitochondrial aconitase: a mechanism of manganese neurotoxicity. Brain Res 799:334-42.

183. Zierler S, Theodore M, Cohen A, Rothman KJ. 1988. Chemical quality of maternal drinking water and congenital heart disease. Int J Epidemiol 17:589-94.