

9. REFERENCES

- *Abd-Allah AMA. 1999. Organochlorine contaminants in microlayer and subsurface water of Alexandria Coast, Egypt. *J AOAC Int* 82(2):391-398.
- *Abraham K, Hille A, Ende M, et al. 1994. Intake and fecal excretion of PCDDs, PCDFs, HCB and PCBs, (138,153,180) in a breast-fed and a formula-fed infant. *Chemosphere* 29(9-11):2279-2286.
- *Abraham K, Papke O, Wahn U, et al. 2000. Pop accumulation in infants during breast feeding. *Organohalogen Compounds* 48:25-26.
- *ACGIH. 1999. Threshold limit values for chemical substances and physical agents: Biological exposure indices. American Conference of Governmental Industrial Hygienists, Cincinnati, OH.
- *ACGIH. 2001. Threshold limit values for chemical substances and physical agents and biological exposure indices. American Conference of Governmental Industrial Hygienists. Cincinnati, OH.
- Adami H, Lipworth L, Titus-Ernstoff L, et al. 1995. Organochlorine compounds and estrogen-related cancers in women. *Cancer Causes Control* 6:551-566.
- *Adinolfi M. 1985. The development of the human blood-CSF-brain barrier. *Dev Med Child Neurol* 27:532-537.
- *Adjarov DG. 1990. Decreased activity of liver coproporphyrinogen oxidase in hexachlorobenzene-induced porphyria. *Exp Pathol* 40:117-122.
- Adjarov DJ, Elder GH. 1986. Accumulation of uroporphyrin does not provoke further inhibition of liver uroporphyrinogen decarboxylase activity in hexachlorobenzene- induced porphyria. In: Hexachlorobenzene: Proceedings of an international symposium. IARC Sci Publ 77:467-469.
- *Adjarov D, Ivanov E, Keremidchiev D. 1982. Gamma-glutamyl transferase: A sensitive marker in experimental hexachlorobenzene intoxication. *Toxicology* 23:73-77.
- *Adlercreutz H. 1995. Phytoestrogens: Epidemiology and a possible role in cancer protection. *Environ Health Perspect Suppl* 103(7):103-112.
- AFOSR. 1998. Interdisciplinary and alternative approach to assess carcinogenicity of chlorobenzenes. Washington, DC: Air Force Office of Scientific Research.
- Ahlborg UG, Larsson K, Thunberg T. 1978. Metabolism of pentachlorophenol *in vivo* and *in vitro*. *Arch Toxicol* 40:45-53.
- *AK Dept of Environ Conservation. 1999. Drinking water regulations. Alaska Department of Environmental Conservation. <http://www.state.ak.us/local/akpages/ENV.CONSERV/home.htm>.

*Cited in text

9. REFERENCES

- Akhtar RA, Smith AG. 1998. Chromosomal linkage analysis of porphyria in mice induced by hexachlorobenzene-iron synergism: A model of sporadic porphyria cutanea tarda. *Pharmacogenetics* 8:485-494.
- *Alawi MA, Ababneh M. 1991. Residue analysis of chlorinated pesticides in Jordanian human adipose tissue. *Anal Lett* 25(10):1897-1911.
- *Alawi MA, Ammari N, Al-Shuraiki Y. 1992. Organochlorine pesticide contaminations in human milk samples from women living in Amman, Jordan. *Arch Environ Contam Toxicol* 23:235-239.
- Albers JMC, Kreis IA, Liem AKD, et al. 1996. Factors that influence the level of contamination of human milk with poly-chlorinated organic compounds. *Arch Environ Contam Toxicol* 30:285-291.
- *Albro PW, Thomas R. 1974. Intestinal absorption of hexachlorobenzene and hexachlorocyclohexane isomers in rats. *Bull Environ Contam Toxicol* 12:289-294.
- Alleman MA, Koster JF, Wilson JHP, et al. 1985. The involvement of iron and lipid peroxidation in the pathogenesis of HCB induced porphyria. *Biochem Pharmacol* 34(2):161-166.
- *Allen-Gil SM, Gubala CP, Wilson R, et al. 1997a. Organochlorine pesticides and polychlorinated biphenyls (PCBs) in sediments and biota from four US arctic lakes. *Arch Environ Contam Toxicol* 33:378-387.
- Allen-Gil SM, Landers DH, Wade TL, et al. 1997b. Heavy metal, organochlorine pesticide and polychlorinated biphenyl contamination in arctic ground squirrels (*Spermophilus parryi*) in northern Alaska. *Arctic* 50(4):323-333.
- Almeida MG, Fanini F, Davino SC, et al. 1997. Pro- and anti-oxidant parameters in rat liver after short term exposure to hexachlorobenzene. *Human Exp Toxicol* 16:257-261.
- *Altman PL, Dittmer DS. Eds. 1974. In: *Biological handbooks: Biology data book*. Vol. III. 2nd ed. Bethesda, MD: Federation of American Societies for Experimental Biology, 1987-2008, 2041.
- Altshul L, Korrick S, Tolbert P, et al. 1999. Cord blood levels of PCBs, *p,p'*-DDE and HCB in infants born in communities adjacent to a PCB-contaminated hazardous waste site. In: *Organohalogen Compounds* 44:67-70.
- Alvarez L, Randi A, Alvarez P, et al. 1999. Effect of hexachlorobenzene on NADPH-generating lipogenic enzymes and L-glycerol-3-phosphate dehydrogenase in brown adipose tissue. *J Endocrinol Invest* 22:436-445.
- *Alvarez L, Randi A, Alvarez P, et al. 2000. Reproductive effects of hexachlorobenzene in female rats. *J Appl Toxicol* 20:81-87.
- Amdur MO, Doull J, Klaasen CD. 1991. *Casarett and Doull's toxicology: The basic science of poisons*. New York, NY: Pergamon Press, 478-479.
- *Ames A, Van Vleet E. 1996. Organochlorine residues in the Florida Manatee, *Trichechus manatus latirostris*. *Mar Pollut Bull* 32:374-377.

9. REFERENCES

- *Andersen ME, Krishnan K. 1994. Relating *in vitro* to *in vivo* exposures with physiologically based tissue dosimetry and tissue response models. In: Salem H, ed. Animal test alternatives: Refinement, reduction, replacement. New York: Marcel Dekker, Inc., 9-25.
- *Andersen ME, Clewell HJ III, Gargas ML, et al. 1987. Physiologically based pharmacokinetics and the risk assessment process for methylene chloride. *Toxicol Appl Pharmacol* 87:185-205.
- *Anderson HA, Falk C, Hanrahan L, et al. 1998. Profiles of Great Lakes critical pollutants: A sentinel analysis of human blood and urine. *Env Health Persp* 106(5):279-289.
- *Ando M, Hirano S, Itoh Y. 1985. Transfer of hexachlorobenzene (HCB) from mother to new-born baby through placenta and milk. *Arch Toxicol* 56:195-200.
- Andrews JE, Courtney KD. 1986. Hexachlorobenzene- induced renal maldevelopment in CD-1 mice and CD rats. In: Hexachlorobenzene: Proceedings of an international symposium. IARC Sci Publ 77:381-391.
- *Andrews JE, Courtney KD, Donaldson WE. 1988. Impairment of calcium homeostasis by hexachlorobenzene (HCB) exposure in Fischer 344 rats. *J Toxicol Environ Health* 23:311-320.
- *Andrews JE, Courtney KD, Stead AG, et al. 1989. Hexachlorobenzene- induced hyperparathyroidism and osteosclerosis in rats. *Fundam Appl Toxicol* 12:242-251.
- *Andrews JE, Jackson LD, Stead AG, et al. 1990. Morphometric analysis of osteosclerotic bone resulting from hexachlorobenzene exposure. *J Toxicol Environ Health* 31:193-201.
- Anger WK. 1990. Worksite behavioral methods, test research: Results, batteries and the sensitive laboratory transition from data to human health. *Neurotoxicology* 11:629-670.
- Ansari GAS, Hendrix PY. 1985. Rapid and convenient separation of pentachlorophenol from human fat using silica Sep-pak cartridges. *J Chromatog* 346:435-439.
- *Ansari GAS, James GP, Hu AL, et al. 1986. Organochlorine residues in adipose tissue of residents of the Texas gulf coast. *Bull Environ Contam Toxicol* 36:311-316.
- Anwar WA. 1997. Biomarkers of human exposure to pesticides. *Environ Health Perspect Suppl* 105(Suppl. 4):801-806.
- *AOAC. 1990. Official methods of analysis of the association of official analytical chemists. Association of Official Analytical Chemist, Inc. 15 Edition, Arlington, Virginia.
- *Archibeque-Engle S, Tessari J, Winn D, et al. 1997. Comparison of organochlorine pesticide and polychlorinated biphenyl residues in human breast adipose tissue and serum. *J Toxicol Environ Health* 52:285-293.
- Arnold DL, Krevski D. 1988. Long-term toxicity of hexachlorobenzene. *Food Chem Toxicol* 26:169-174.
- *Arnold DL, Bryce FR, Clegg DJ, et al. 2000. Dosing via gavage or diet for reproduction studies: a pilot study using two fat-soluble compounds-hexachlorobenzene and Aroclor 1254. *Food Chem Toxicol* 38:697-706.

9. REFERENCES

*Arnold DL, Moodie CA, Charbonneau SM, et al. 1985. Long-term toxicity of hexachlorobenzene in the rat and the effect of dietary vitamin A. *Food Chem Toxicol* 23:779-793.

Arnold DL, Moodie CA, Collins BT, et al. 1986. Two-generation chronic toxicity study with hexachlorobenzene in the rat. *IARC Sci Publ* 77:405-410.

Artigas F, Martinez E, Gelpi E. 1988. Organochlorine pesticides by negative ion chemical ionization. Brain metabolites of lindane. *Biomedical Environ Mass Spectrom* 16:279-284.

ASTM. 1988. Standard test method for organochlorine pesticides in water- method D3086-85. In: 1988 annual book of ASTM standards. Vol. 11.02: Water and environmental technology. Philadelphia, PA: American Society for Testing and Materials, 163-178.

*Ataniyazova OA, Baumann RA, Liem AKD, et al. 2001. Levels of certain metals, organochlorine pesticides and dioxins in cord blood, maternal blood, human milk and some commonly used nutrients in the surroundings of the Aral Sea (Karakalpakstan, Republic of Uzbekistan). *Acta Paediatr* 90:801-808.

Atkinson R, Guicherit R, Hites RA, et al. 1999. Transformations of pesticides in the atmosphere: a state of the art. *Water Air Soil Pollut* 115(1-4):219-243.

*Atlas E, Giam CS. 1981. Global transport of organic pollutants: ambient concentrations in the remote marine atmosphere. *Science* 211:163-165.

*Atlas E, Foster R, Giam CS. 1982. Air-sea exchange of high molecular weight organic pollutants: laboratory studies. *Environ Sci Technol* 16:283-286.

*ATSDR. 1989. Decision guide for identifying substance-specific data needs related to toxicological profiles; Notice. Atlanta, GA: Agency for Toxic Substances and Disease Registry. *Federal Register* 54(174):37618-37634.

*ATSDR/CDC. 1990. Subcommittee report on biomarkers of organ damage and dysfunction. Atlanta, GA: Agency for Toxic Substances and Disease Registry/Centers for Disease Control.

Ausmus BS, Kimbrough S, Jackson DR, et al. 1979. The behavior of hexachlorobenzene in pine forest microcosms: Transport and effects on soil processes. *Environ Pollut* 20:103-111.

*Avrahami M. 1975. Hexachlorobenzene: IV. Accumulation and elimination of HCB in pigs after oral dosing. *New Zealand J Expt Agri* 3:285-287.

Avrahami M, Steele RT. 1972a. Hexachlorobenzene: I. Accumulation and elimination of HCB in sheep after oral dosing. *New Zealand J Agr Res* 15:476-481.

Avrahami M, Steele RT. 1972b. Hexachlorobenzene: II. Residues in laying pullets fed hexachlorobenzene in their diet and the effects on egg production, egg hatchability, and on chickens. *New Zealand J Agr Res* 15:482-488.

Avrahami M, Steele RT. 1972c. Hexachlorobenzene: III. The effects of feeding Hexachlorobenzene to growing chickens. *New Zealand J Agri Res* 15:489-494.

*Axelson O. 1986. A review of porphyria and cancer and the missing link with human exposure to hexachlorobenzene. *IARC Sci Publ* 77:585-589.

9. REFERENCES

- *Babineau KA, Singh A, Jarrell, JF, et al. 1991. Surface epithelium of the ovary following oral administration of hexachlorobenzene to the monkey. *J Submicrosc Cytol Pathol* 23:457-464.
- *Badia-Vila M, Ociepa M, Mateo R, et al. 2000. Comparison of residue levels of persistent organochlorine compounds in butter from Spain and from other European countries. *J Environ Sci Health B35(2)*:201-210.
- *Bailey J, Knauf V, Mueller W, et al. 1980. Transfer of hexachlorobenzene and polychlorinated biphenyls to nursing infant rhesus monkeys: Enhanced toxicity. *Environ Res* 21:190-196.
- *Bailey RE. 2001. Global hexachlorobenzene emissions. *Chemosphere* 43:167-182.
- *Ballester F, Sala M, Sunyer J, et al. 2000. Serum concentrations of hexachlorobenzene in family members of workers in an electrochemical factory. *Scand J Work Environ Health* 26(1):67-70.
- *Ballschmiter K, Wittlinger R. 1991. Interhemisphere exchange of hexachlorocyclohexanes, hexachlorobenzene, polychlorobiphenyls, and 1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane in the lower troposphere. *Environ Sci Technol* 25(6):1103-1111.
- Banerjee BD, Koner BC, Ray A. 1996. Immunotoxicity of pesticides: Perspectives and trends. *Indian J Exp Biol* 34:723-733.
- *Barnes DG, Dourson M. 1988. Reference dose (RfD): Description and use in health risk assessments. *Reg Toxicol Pharmacol* 8:471-486.
- *Barnett JB, Barfield L, Walls R, et al. 1987. The effect of *in utero* exposure to hexachlorobenzene on the developing immune response of Balb/c mice. *Toxicol Lett* 39:263-274.
- *Bates MN, Hannah DJ, Buckland SJ, et al. 1994. Chlorinated organic contaminants in breast milk of New Zealand women. *Environ Health Perspect* 102(Supp 1):211-217.
- *Beall ML Jr. 1976. Persistence of aerially applied hexachlorobenzene on grass and soil. *J Environ Qual* 5:367-369.
- Beck AJ, Alcock RE, Wilson SC, et al. 1995. Long-term persistence of organic chemicals in sewage sludge-amended agricultural land: A soil quality perspective. In: Sparks DL, ed. *Advances in agronomy*. New York, NY: Academic Press, 345-391.
- *Beck J, Hansen KE. 1974. The degradation of quintozone, pentachlorobenzene, hexachlorobenzene and pentachloraniline in soil. *Pestic Sci* 5:41-48.
- *Becker PR, Mackey EA, Demiralp R, et al. 1997. Concentrations of chlorinated hydrocarbons and trace elements in marine mammal tissues archived in the U.S. National Biomonitoring Specimen Bank. *Chemosphere* 34:2067-2098.
- *Belfroid A. 1995. Uptake, bioavailability and elimination of hydrophobic compounds in earthworms (*Eisenia andrei*) in field-contaminated soil. *Environ Toxicol Chem* 14(4):605-612.
- Belfroid A, Meling J, Sijm D, et al. 1994. Uptake of hydrophobic halogenated aromatic hydrocarbons from food by earthworms (*Eisenia andrei*). *Arch Environ Contam Toxicol* 27(2):260-265.

9. REFERENCES

- *Belles-Isles M, Bilrha H, Moreau B, et al. 2000. Immunological effects in newborns from Saint-Lawrence River Coastal populations exposed to POPs and heavy metals. *Organohalogen Compounds* 48:227-230.
- *Beretta M, Dick T. 1994. Organochlorine compounds in human milk, porto alegre, Brazil. *Environ Contam Toxicol* 53(3):357-360.
- *Berger GS. 1994. Epidemiology of endometriosis. In: Berger GS, ed. *Endometriosis: Advanced management and surgical techniques*. New York, NY: Springer-Verlag, 3-7.
- *Bernhoft A, Skaare JU, Wiig O, et al. 2000. Possible immunotoxic effects of organochlorines in polar bears (*Ursus maritimus*) at Svalbard. *J Toxicol Environ Health* 59(Part A):561-574.
- Bertram HP, Kemper FH, Muller C. 1986. Hexachlorobenzene content in human whole blood and adipose tissue: Experiences in environmental specimen banking. *IARC Sci Publ* 77:173-183.
- Bestervelt LL, Pitt JA, Piper WN. 1998. Evidence for Ah receptor mediation of increased ACTH concentrations in primary cultures of rat anterior pituitary cells exposed to TCDD. *Toxicol Sci* 46:294-299.
- Beyer A, Mackay D, Matthies M, et al. 2000. Assessing long-range transport potential of persistent organic pollutants. *Environ Sci Technol* 34:699-703.
- *Beyer WN. 1996. Accumulation of chlorinated benzenes in earthworms. *Bull Environ Contam Toxicol* 57:729-736.
- *Bidleman TF, Patton GW, Walla MD, et al. 1989. Toxaphene and other organochlorines in Arctic Ocean fauna: Evidence for atmospheric delivery. *Arctic* 42(4):307-313.
- Billi SC, Koss G, San Martin de Viale LC. 1986a. Ability of several hexachlorobenzene metabolites to decrease rat-liver porphyrinogen carboxy-lyase and to produce porphyrin accumulation in chick-embryo liver. *IARC Sci Publ* 77:471-476.
- Billi SC, Wainstok de Calmanovici RW, San Martin de Viale LC. 1986b. Rat-liver porphyrinogen carboxy-lyase inhibition as a function of the degree of hexachlorobenzene-induced porphyria. *IARC Sci Publ* 77:487-491.
- *Billi de Catabbi S, Aldonatti C, San Martin de Viale LC. 2000a. Heme metabolism after discontinued hexachlorobenzene administration in rats: possible irreversible changes and biomarker for hexachlorobenzene persistence. *Comp Biochem Physiol C* 127:165-175.
- Billi de Catabbi S, Koss G, San martin de Viale LC. 1994. Studies on the active centres of rat liver porphyrinogen carboxylyase. *In vivo* effects of hexachlorobenzene on decarboxylation sites of porphyrinogens. *Int J Biochem* 26(4):595-600.
- *Billi de Catabbi S, Rios de Molina MC, San Martin de Viale LC. 1991. Studies on the active center of rat liver porphyrinogen carboxylase *in vivo* effect of hexachlorobenzene. *Int J Biochem* 23:675-679.
- *Billi de Catabbi S, Setton-Advruj CP, Sterin-Speziale N, et al. 2000b. Hexachlorobenzene-induced alterations on neutral and acidic sphingomyelinases and serine palmitoyltransferase activities. A time course study in two strains of rats. *Toxicology* 149:89-100.

9. REFERENCES

Billi de Catabbi S, Sterin-Speziale N, Fernandez MC, et al. 1997. Time course of hexachlorobenzene-induced alterations of lipid metabolism and their relation to porphyria. *Int J Biochem Cell Biol* 29(2):335-344.

Bishop CA, Gendron AD. 1998. Reptiles and amphibians: Shy and sensitive vertebrates of the Great Lakes Basin and St. Lawrence River. *Environ Monit Assess* 53:225-244.

*Bishop CA, Lean DRS, Brooks RJ, et al. 1995. Chlorinated hydrocarbons in early life stages of the common snapping turtle (*Chelydra serpentina serpentina*) from a coastal wetland on Lake Ontario, Canada. *Environ Toxicol Chem* 14(3):421-426.

Bishop CA, Mahony NA, Trudeau S, et al. 1999. Reproductive success and biochemical effects in tree swallows (*Tachycineta bicolor*) exposed to chlorinated hydrocarbon contaminants in wetlands of the Great Lakes and St. Lawrence River Basin, USA and Canada. *Environ Toxicol Chem* 18(2):263-271.

*Bishop CA, Ng P, Norstrom RJ, et al. 1996. Temporal and geographic variation of organochlorine residues in eggs of the common snapping turtle (*Chelydra serpentina serpentina*) (1981-1991) and comparisons to trends in the herring gull (*Larus argentatus*) in the Great Lakes Basin in Ontario, Canada. *Arch Environ Contam Toxicol* 31:512-524.

*Bjerregaard P, Hansen JC. 2000. Organochlorines and heavy metals in pregnant women from the Disko Bay area in Greenland. *Sci Total Environ* 245:195-202.

Bleavins MR, Aulerich RJ, Ringer RK. 1984. Effects of chronic dietary hexachlorobenzene exposure on the reproductive performance and survivability of mink and European ferrets. *Arch Environ Contam Toxicol* 13:357-365.

Bleavins MR, Breslin WJ, Aulerich RJ, et al. 1982. Excretion and placental and mammary transfer of hexachlorobenzene in the European ferret (*Mustela putorius furo*). *J Toxicol Environ Health* 10:929-940.

Bleavins MR, Bursian SJ, Brewster JS, et al. 1984. Effects of dietary hexachlorobenzene exposure on regional brain biogenic amine concentrations in mink and European ferrets. *J Toxicol Environ Health* 14:363-377.

*Blekkenhorst GH, Pimstone NR, Weber BL, et al. 1976. Hepatic haem metabolism in porphyria cutanea tarda (PCT): Enzymatic studies and their relation to liver ultrastructure. *Ann Clin Res* 8(Supp 17):108-121.

*BLR. 2002. Book of chemical lists. State lists. Business & Legal Reports, Inc. Old Saybrook, CT.

Bohme F, Welsch-Pausch K, McLachlan MS. 1999. Uptake of airborne semivolatile organic compounds in agricultural plants: Field measurements of interspecies variability. *Environ Sci Technol* 33:1805-1813.

*Bong RL. 1975. Determination of hexachlorobenzene and mirex in fatty products. *J AOAC* 58(3):557-561.

Booij K, van Drooge BL. 2001. Polychlorinated biphenyls and hexachlorobenzene in atmosphere, sea-surface microlayer, and water measured with semi-permeable membrane devices (SPMDs). *Chemosphere* 44:91-98.

9. REFERENCES

- *Booth NH, McDowell JR. 1975. Toxicity of hexachlorobenzene and associated residues in edible animal tissues. JAVMA 166(6):591-595.
- *Bordet F, Mallet J, Maurice L et al. 1993. Organochlorine pesticide and PCB congener content of French human milk. Bull Environ Contam Toxicol 50:425-432.
- *Borga K, Gabrielsen GW, Skaare JU. 2001. Biomagnification of organochlorines along a Barents Sea food chain. Environ Pollut 113:187-198.
- Borglin S, Wilke A, Jepsen R, et al. 1996. Parameters affecting the desorption of hydrophobic organic chemicals from suspended sediments. Environ Toxicol Chem 15(10):2254-2262.
- *Bourque AC, Singh A, Lakhanpal N, et al. 1995. Ultrastructural changes in ovarian follicles of monkeys administered hexachlorobenzene. Am J Vet Res 56(12):1673-1677.
- *Bouthillier L, Greselin E, Brodeur J, et al. 1991. Male rat specific nephrotoxicity resulting from subchronic administration of hexachlorobenzene. Toxicol Appl Pharmacol 110:315-326.
- *Brady MN, Siyali DS. 1972. Hexachlorobenzene in human body fat. Med J Aust 1:158-161.
- *Braune B, Muir D, DeMarch B, et al. 1999. Spatial and temporal trends of contaminants in Canadian Arctic freshwater and terrestrial ecosystems: a review. Sci Total Environ 230:145-207.
- *Bristol DW, Crist HL, Lewis RG, et al. 1982. Chemical analysis of human blood for assessment of environmental exposure to semivolatile organochlorine chemical contaminants. J Anal Toxicol 6:1-7.
- *Brock J, Melnyk L, Caudill S, et al. 1998. Serum levels of several organochlorine pesticides in farmers correspond with dietary exposure and local use history. Toxicol Ind Health 14(1-2):275-289.
- *Brorstrom-Lunden E, Lindskog A, Mowrer J. 1994. Concentrations and fluxes of organic compounds in the atmosphere of the Swedish west coast. Atmos Environ 28(22):3605-3615.
- Brouwer A. 1998. Structure-dependent multiple interactions of polyhalogenated aromatic hydrocarbons with the thyroid hormone system. OrganoHalogen Compounds 37:225-232.
- Brouwer A, Morse DC, Lans MC, et al. 1998. Interactions of persistent environmental organohalogens with the thyroid hormone system: Mechanisms and possible consequences for animal and human health. Toxicol Ind Health 14:59-84.
- *Brubaker WW, Hites RA. 1998. OH reaction kinetics of gas-phase α - and γ -hexachlorocyclohexane and hexachlorobenzene. Env Sci Technol 32:766-769.
- Brusick DJ. 1986. Genotoxicity of hexachlorobenzene and other chlorinated benzenes. IARC Sci Publ 77:393-397.
- *Bryson PD. 1989. Chlorinated hydrocarbons (organochlorines). In: Comprehensive review in toxicology. Rockville, MD: Aspen Publication, 527-529.
- *Bucholski KA, Begerow J, Winneke G, et al. 1996. Determination of polychlorinated biphenyls and chlorinated pesticides in human body fluids and tissues. J Chromatogr 754:479-485.

9. REFERENCES

Buckley R, Liddle J, Ashley D, et al. 1997. Environmental and biomarker measurements in nine homes in the lower Rio Grande Valley: Multimedia results for pesticides, metals, PAHs, and VOCs. Environ Int 23:705-732.

*Budavari S. 1996. 4714-Hexachlorobenzene- The merck index: An encyclopedia of chemicals, drugs, and biologicals. 12th ed. Whitehouse Station, NJ: Merck and Co. Inc., 800.

*Burkhard LP, Sheedy BR, McCauley DJ, et al. 1997. Bioaccumulation factors for chlorinated benzenes, chlorinated butadienes and hexachloroethane. Environ Toxicol Chem 16(8):1677-1686.

*Burns JE, Miller FM. 1975. Hexachlorobenzene contamination: Its effects in a Louisiana population. Arch Environ Health 30:44-48.

*Burns JE, Miller FM, Gomes ED, et al. 1974. Hexachlorobenzene exposure from contaminated DCPA in vegetable spraymen. Arch Environ Health 29:192-194.

*Burse VW, Head SL, Korver MP, et al. 1990. Determination of selected organochlorine pesticides and polychlorinated biphenyls in human serum. J Anal Toxicol 14:137-146.

*Burse VW, Najam AR, Williams CC, et al. 2000. Utilization of umbilical cords to assess in utero exposure to persistent pesticides and polychlorinated biphenyls. J Expo Anal Environ Epidemiol 10:776-788.

*Burton MA, Bennett BG. 1987. Exposure of man to environmental hexachlorobenzene (HCB)--an exposure commitment assessment. Sci Total Environ 66:137-146.

*CA Dept of Health Services. 2000. Draft, proposed and recently adopted regulations- drinking water. California Department of Health Services, Division of Drinking Water and Environmental Management. <http://www.dhs.ca.gov/ps/ddwem/>.

Cabral JR, Shubik P. 1986. Carcinogenic activity of hexachlorobenzene in mice and hamsters. In: Hexachlorobenzene: Proceedings of an international symposium. IARC Sci Publ 77:411-416.

*Cabral JRP, Mollner T, Raitano F, et al. 1979. Carcinogenesis of hexachlorobenzene in mice. Int J Cancer 23:47-51.

*Cabral JR, Shubik P, Mollner T, et al. 1977. Carcinogenic activity of hexachlorobenzene in hamsters. Nature 269:510-511.

Cabral R, Hoshiya T, Hakoi K, et al. 1996. Medium-term bioassay for the hepatocarcinogenicity of hexachlorobenzene. Cancer Lett 100:223-226.

*Calamari D, Tremolada P, Guardo AD, et al. 1994. Chlorinated hydrocarbons in pine needles in Europe: Fingerprint for the past and recent use. Environ Sci Technol 28:429-434.

*Calaminus B, Trouve G, Delforsse L. 1993. Experimental study of the quantitative conversion of hexachlorobenzene during high temperature pyrolysis. J Analyt Appl Pyrolysis 27(2):281-292.

Callen JP. 1980. Internal disorders associated with bullous disease of the skin. J Am Acad Dermatol 3(2):107-119.

9. REFERENCES

- *Cam C, Nigogosyan G. 1963. Acquired toxic porphyria cutanea tarda due to hexachlorobenzene: Report of 348 cases caused by this fungicide. *JAMA* 183:88-91.
- *Canonero R, Campart GB, Mattioli F, et al. 1997. Testing of *p*-dichlorobenzene and hexachlorobenzene for their ability to induce DNA damage and micronucleus formation in primary cultures of rat and human hepatocytes. *Mutagenesis* 12(1):35-39.
- *Cantoni L, Budillon G, Cuomo R, et al. 1990. Protective effect of S-adenosyl-L-methionine in hepatic uroporphyrinia. Evaluation in an experimental model. *Scand J Gastro* 25:1034-1040.
- Cantoni L, Graziani A, Rizzardini M, et al. 1986. Porphyrinogenic effect of hexachlorobenzene and 2,3,7,8-tetrachlorodibenzo-para-dioxin: Is an inhibitor involved in uroporphyrinogen decarboxylase inactivation? *IARC Sci Publ* 77:449-456.
- Cantoni L, Rizzardini M, Graziani A, et al. 1987. Effects of chlorinated organics on intermediates in the heme pathway and on uroporphyrinogen decarboxylase. *Ann N Y Acad Sci* 514:128-140.
- Capuano G, Gentile S, Cuomo R, et al. 1994. Evaluation of bromosulphthalein clearance in experimental porphyria by isolated and perfused rat liver technique. *Bull Mol Biol Med* 19:77-85.
- Carey AE, Dixon TE, Yang HSC. 1986. Environmental exposure to hexachlorobenzene in the USA. In: Morris CR, Cabral JRP, ed. *Hexachlorobenzene: Proceedings of an International Symposium*. Lyon, France: IARC Scientific Publications, 115-120.
- Carey AE, Gowen JA, Tai H, et al. 1979. Pesticide residue levels in soils and crops from 37 states, 1972 - National soils monitoring program (IV). *Pestic Monit J* 12:209-229.
- Carpenter HM, Williams DE, Henderson MC, et al. 1984. Hexachlorobenzene-induced porphyria in Japanese quail: Effect of pretreatment with phenobarbital or beta-naphthoflavone. *Biochem Pharmacol* 33:3875-3881.
- *Carthew P, Smith AG. 1994. Pathological mechanisms of hepatic tumor formation in rats exposed chronically to dietary hexachlorobenzene. *J Appl Toxicol* 447-452.
- *Carthew P, Edwards RE, Smith AG. 1990. Immunotoxic effects of hexachlorobenzene on the pathogenesis of systemic, pneumonic and hepatic virus infections in the mouse. *Human Exp Toxicol* 9:403-411.
- Catallo WJ, Junk T. 1995. Sonochemical dechlorination of hazardous waste in aqueous systems. *Waste Manage* 15(4):303-309.
- CELDs. 1993. Computer-aided Environmental Legislative Database. University of Illinois at Urbana.
- *Chaisuksant Y, Yu Q, Connell DW. 1997. Bioconcentration of bromo- and chlorobenzenes by fish (*Gambusia affinis*). *Water Res* 31(1):61-68.
- *Chan CH, Bruce G, Harrison B. 1994. Wet deposition of organochlorine pesticides and polychlorinated biphenyls to the great lakes. *J Great Lakes Res* 20(3):546-560.
- Chaufan G, de Molina MdCR, de Viale LCSM. 2001. How does hexachlorobenzene treatment affect liver uroporphyrinogen decarboxylase? *Int J Biochem Cell Biol* 33:621-630.

9. REFERENCES

Chemical Marketing Reporter. 1993. Schnell Publishing Co. December 6, 1993.

Chen W, Kan AT, Fu G, et al. 1999. Adsorption-desorption behaviors of hydrophobic organic compounds in sediments of Lake Charles, Louisiana, USA. Environ Toxicol Chem 18(8):1610-1616.

*Chevreuil M, Garmouma M, Teil MJ, et al. 1996. Occurrence of organochlorines (PCBs, pesticides) and herbicides (*Triazines, phenylureas*) in the atmosphere and in the fallout from urban and rural stations of the Paris area. Sci Total Environ 182:25-37.

Choudhry GG, Webster GRB, Hutzinger O. 1986. Environmentally significant photochemistry of chlorinated benzenes and their derivatives in aquatic systems. Toxicol Environ Chem 13:27-84.

Chuang T-Y, Mirowski GW, Reizner GT. 1998. Dermatoepidemiology. III. ABC principles for a critical review of the literature. Int J Dermatol 37(1):1-6.

Clansky KB, ed. 1986. Chemical guide to the OSHA hazard communication standard. Burlingame, CA: Roytech Publications Inc., 72, 653-655.

Clark DE, Ivie GW, Camp BJ. 1981. Effects of dietary hexachlorobenzene on *in vivo* biotransformation, residue deposition, and elimination of certain xenobiotics by rats. J Agric Food Chem 29:600-608.

*Clayton GD, Clayton FE, eds. 1981. Patty's industrial hygiene and toxicology: 3rd revised ed. Volume 2B: Toxicology. New York, NY: Wiley-Interscience Publication, 3626-3684.

*Clewell HJ III, Andersen ME. 1985. Risk assessment extrapolations and physiological modeling. Toxicol Ind Health 1(4):111-131.

*CO Dept of Public Health and Environ. 1999. Hexachlorobenzene: Ground water organic chemical standards. <http://www.cdphe.state.co.us/cdphehom.asp>.

*Cobb GP, Norman DM, Kendall RJ. 1994. Organochlorine contaminant assessment in great blue herons using traditional nonlethal monitoring techniques. Environ Pollut 83(3):299-309.

Cochon AC, San Martin de Viale LC, Billi de Catabbi S. 1999. Effects of hexachlorobenzene on phospholipid and porphyrin metabolism in Harderian glands: a time-course study in two strains of rats. Toxicol Lett 106:129-136.

*Cochon AC, San Martin de Viale LC, Billi de Catabbi S. 2001. Phospholipid alterations elicited by hexachlorobenzene in rat brain are strain-dependent and porphyria-independent. Comp Biochem Physiol C 130:199-207.

*Cohn WJ, Boylan JJ, Blanke RV, et al. 1978. Treatment of chlordcone kepone toxicity with cholestyramine: Results of a controlled clinical trial. NE J Med 298:243-248.

*Colborn T, Clement C, eds. 1992. Chemically-induced alterations in sexual and functional development: The wildlife-human connection. In: Advances in modern environmental toxicology, Vol. XXI, Princeton, NJ: Princeton Scientific Publishing.

*Conde C, Maluenda C, Arrabal C. 1993. Organochlorine residues in human milk in Spain. Polychlorinated biphenyls (PCBs) from 1988 to 1991. Bull Environ Contam Toxicol 51:832-837.

9. REFERENCES

- *Connell DW, Bowman M, Hawker DW. 1988. Bioconcentration of chlorinated hydrocarbons from sediment by oligochaetes. *Ecotoxicol Environ Saf* 16:293-302.
- Cook J, Engel M. 1999. Multiresidue screening of pesticides in foods using retention time locking, GC-AED, database search, and GC/MS identification. *J AOAC Int* 82(2):313-326.
- Cornelissen G, Van der Pal M, van Noort PCM, et al. 1999. Competitive effects on the slow desorption of organic compounds from sediments. *Chemosphere* 39(11):1971-1981.
- *Corsolini S, Focardi S, Leonzio C, et al. 1999. Heavy metals and chlorinated hydrocarbon concentrations in the red fox in relation to some biological parameters. *Environ Monitor Assess* 54:87-100.
- Cortes DR, Hites RA. 2000. Detection of statistically significant trends in atmospheric concentrations of semivolatile compounds. *Environ Sci Technol* 34:2826-2829.
- *Courtney KD, Andrews JE. 1985. Neonatal and maternal body burdens of hexachlorobenzene (HCB) in mice: Gestational exposure and lactational transfer. *Fund Appl Toxicol* 5:265-277.
- Courtney KD, Andrews JE, Grady MA, et al. 1984. Postnatal effects of hexachlorobenzene on cardiac lactic dehydrogenase (LDH) and creatine kinase (CK) isozymes in CD-1 mice. *Toxicol Lett* 22:223-228.
- Courtney KD, Andrews JE, Grady MA. 1985. Placental transfer and fetal deposition of hexachlorobenzene in the hamster and guinea pig. *Environ Res* 37:239-249.
- *Courtney KD, Andrews, JE, Svendsgaard DJ. 1979. Hexachlorobenzene (HCB) deposition in maternal and fetal tissues of rat and mouse: 1. Chemical quantification of HCB in tissues. *Environ Res* 19:1-13.
- *Courtney KD, Copeland MF, Robbins A. 1976. The effects of pentachloronitrobenzene, hexachlorobenzene, and related compounds on fetal development. *Toxicol Appl Pharmacol* 35:239-256.
- Cousins IT, Beck AJ, Jones KC. 1999. A review of the processes involved in the exchange of semi-volatile organic compounds (SVOC) across the air-soil interface. *Sci Total Environ* 228:5-24.
- *Craan A, Haines D. 1998. Twenty-five years of surveillance for contaminants in human breast milk. *Arch Environ Contam Toxicol* 35:702-710.
- Crane JL. 1996. Carcinogenic human health risks associated with consuming contaminated fish from five Great Lakes Areas of Concern. *J Great Lakes Res* 22(3):653-668.
- Cripps DJ. 1986. Porphyria: Genetic and acquired. *IARC Sci Publ* 77:549-566.
- Cripps DJ. 1987. Diet and alcohol effects on the manifestation of hepatic porphyrias. *Fed Proc* 46:1894-1900.
- *Cripps DJ. 1990. Transplacental and mammary absorption of hexachlorobenzene: Experimental pembe yara porphyria in neonates. *Mol Aspects Med* 11(1-2):81-82.
- Cripps DJ, Peters HA, Gocmen A. 1981. Porphyria turcica (hexachlorobenzene intoxication) twenty years later. *Br J Dermatol* 105:15.

9. REFERENCES

*Cripps DJ, Peters HA, Gocmen A, et al. 1984. Porphyria turcica due to hexachlorobenzene: A 20 to 30 year follow-up study on 204 patients. *Br J Dermatol* 111:413-422.

Crisp T, Clegg E, Cooper R, et al. 1998. Environmental endocrine disruption: an effects assessment and analysis. *Environ Health Perspect* 106(Suppl. 1):11-56.

*Cuomo R, Rodino S, Rizzoli R, et al. 1991. Bile and biliary lipid secretion in rats with hexachlorobenzene-induced porphyria. Effect of S-adenosyl-L-methionine administration. *J Hepatol* 12:87-93.

*Currier MF, McClimans CD, Barna-Lloyd G. 1980. Hexachlorobenzene blood levels and the health status of men employed in the manufacture of chlorinated solvents. *J Toxicol Environ Health* 6:367-377.

Custer TW, Custer CM. 1995. Transfer and accumulation of organochlorines from black-crowned night-heron eggs to chicks. *Environ Toxicol Chem* 14(3):533-536.

Custer TW, Custer CM, Hines RK, et al. 1999. Organochlorine contaminants and reproductive success of double-crested cormorants from Green Bay, Wisconsin, USA. *Environ Toxicol Chem* 18(6):1209-1217.

Custer TW, Custer CM, Stromborg KL. 1997a. Distribution of organochlorine contaminants in double-crested cormorant eggs and sibling embryos. *Environ Toxicol Chem* 16(8):1646-1649.

Custer TW, Hines RK, Melancon MJ, et al. 1997b. Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the upper Mississippi River, USA. *Environ Toxicol Chem* 16(2):260-271.

Custer TW, Sparks DW, Sobiech SA, et al. 1996. Organochlorine accumulation by sentinel mallards at the Winston-Thomas Sewage Treatment Plant, Bloomington, Indiana. *Arch Environ Contam Toxicol* 30:163-169.

*Czaja K, Ludwicki JK, Goralczyk K, et al. 1997. Organochlorine pesticides, HCB, and PCBs in human milk in Poland. *Bull Environ Contam Toxicol* 58(5):769-775.

Czaja K, Ludwicki JK, Goralczyk K, et al. 1998. Exposure of infants to polychlorinated biphenyls and organochlorine pesticides from mother's milk. *Organohalogen Compounds* 38:109-112.

Czaja K, Ludwicki JK, Goralczyk K, et al. 1999. Effect of changes in excretion of persistent organochlorine compounds with human breast milk on related exposure of breast-fed infants. *Arch Environ Contam Toxicol* 36(4):498-503.

*D'Amour M, Charbonneau M. 1992. Sex-related difference in hepatic glutathione conjugation of hexachlorobenzene in the rat. *Toxicol Appl Pharmacol* 112:229-234.

*Daniel V, Huber W, Bauer K, et al. 2001. Associations of blood levels of PCB, HCHs, and HCB with numbers of lymphocyte subpopulations, in vitro lymphocyte response, plasma cytokine levels, and immunoglobulin autoantibodies. *Environ Health Perspect* 109(2):173-178.

Daniell WE, Stockbridge HL, Labbe RF, et al. 1997. Environmental chemical exposures and disturbances of heme synthesis. *Environ Health Perspect Suppl* 105(1):37-53.

9. REFERENCES

- *Darvill T, Lonky E, Reihman J, et al. 2000. Prenatal exposure to PCBs and infant performance on the fagan test of infant intelligence. *Neurotoxicology* 21(6):1029-1038.
- *da Silva Augusto LG, Lieber SR, Ruiz MA, et al. 1997. Micronucleus monitoring to assess human occupational exposure to organochlorides. *Environ Mol Mutagen* 29:46-52.
- *Davis BD, Morgan RC. 1986. Hexachlorobenzene in hazardous waste sites. *IARC Sci Publ* 77:23-30.
- Debets FM, Hamers WJ, Strik JJ. 1980b. Metabolism as a prerequisite for the porphyrinogenic action of polyhalogenated aromatics, with special reference to hexachlorobenzene and polybrominated biphenyls (firemaster BP-6). *Int J Biochem* 12:1019-1025.
- Debets F, Reinders J-H, Koss G, et al. 1981. Effects of dietary antioxidants on the biotransformation and porphyrinogenic action of hexachlorobenzene in two strains of rats. *Chem Biol Interact* 37:77-94.
- *Debets FM, Strik JJ, Olie K. 1980a. Effects of pentachlorophenol on rat liver changes induced by hexachlorobenzene, with special reference to porphyria, and alterations in mixed function oxygenases. *Toxicology* 15:181-195.
- *Dellinger B, Taylor PH, Tirey DA. 1989. Pathways of formation of chlorinated PICs from the thermal degradation of simple chlorinated hydrocarbons. *J Hazardous Materials* 22:175-186.
- De Matteis F. 1986. Experimental hepatic porphyria caused by hexachlorobenzene: Mechanism of the metabolic block. *IARC Sci Publ* 77:427-431.
- *De Matteis F, Prior BE, Rimington C. 1961. Nervous and biochemical disturbances following hexachlorobenzene intoxication. *Nature* 191:363-366.
- *Den Besten C, Bennik MHJ, Bruggeman I, et al. 1993. The role of oxidative metabolism in hexachlorobenzene-induced porphyria and thyroid hormone homeostasis: A comparison with pentachlorobenzene in a 13-week feeding study. *Toxicol Appl Pharmacol* 119:181-194.
- *Den Besten C, Bennik MHJ, van Iersel M, et al. 1994. Comparison of the urinary metabolite profiles of hexachlorobenzene and pentachlorobenzene in the rat. *Chem Biol Interact* 90:121-137.
- *Den Tonkelaar EM, Verschuur HG, Bankovska J, et al. 1978. Hexachlorobenzene toxicity in pigs. *Toxicol Appl Pharmacol* 43:137-145.
- *DeVault DS. 1985. Contaminants in fish from Great Lakes Harbors and tributary mouths. *Arch Environ Contam Toxicol* 14:587-594.
- *Dewailly E, Ayotte P, Bruneau S, et al. 1993. Inuit exposure to organochlorines through the aquatic food chain in arctic Quebec. *Environ Health Persp* 101(7):618-620.
- *Dewailly E, Ayotte P, Bruneau S, et al. 2000. Susceptibility to infections and immune status in inuit infants exposed to organochlorines. *Environ Health Perspect* 108(3):205-211.
- *Dewailly E, Dodin S, Verreault R, et al. 1994. High organochlorine body burden in women with estrogen receptor-positive breast cancer. *J Natl Cancer Inst* 86(3):232-234.

9. REFERENCES

- *Dewailly E, Mulvad G, Pedersen HS, et al. 1999. Concentration of organochlorines in human brain, liver, and adipose tissue autopsy samples from Greenland. *Environ Health Perspect* 107(10):823-828.
- *Djordjevic MV, Hoffmann D, Fan J, et al. 1994. Assessment of chlorinated pesticides and polychlorinated biphenyls in adipose breast tissue using a supercritical fluid extraction method. *Carcinogenesis* 15(11):2581-2585.
- Dobson S, Howe P. 1986. Evaluation of environmental impact of hexachlorobenzene. *IARC Sci Publ* 77:203-209.
- *Dogramaci I. 1964. Porphyrias and porphyrin metabolism with special reference to porphyria in childhood. *Adv Pediatr* 13:11-63.
- *Domingo JL, Schuhmacher M, Agramunt MC, et al. 2001. Levels of metals and organic substances in blood and urine of workers at a new hazardous waste incinerator. *Int Arch Occup Environ Health* 74:263-269.
- Donald DB, Syrgiannis J, Crosley RW, et al. 1999. Delayed deposition of organochlorine pesticides at a temperate glacier. *Environ Sci Technol* 33:1794-1798.
- Donaldson GM, Shutt JL, Hunter P. 1999. Organochlorine contamination in bald eagle eggs and nestlings from the Canadian Great Lakes. *Arch Environ Contam Toxicol* 36:70-80.
- *Dorgan JF, Brock JW, Rothman N, et al. 1999. Serum organochlorine pesticides and PCBs and breast cancer risk: results from a prospective analysis (USA). *Cancer Causes Control* 10:1-11.
- *Dowdelle E, Mustard P, Eagles L. 1967. Delta aminolevulenic acid synthetase activity in normal and porphyric human livers. *S Afr Med J* 41:1093-1096.
- *Dreisbach RH. 1983. *Handbook of poisoning*. Norwalk, Connecticut: Appleton & Lange, Lange Medical Publications, 88-89.
- *Driscoll MS, Hassett JP, Fish CL, et al. 1991. Extraction efficiencies of organochlorine compounds from Niagara River (New York, USA) water. *Environ Sci Technol* 25(8):1432-1439.
- *Drobacheff C, Derancourt C, Van Landuyt, et al. 1998. Porphyria cutanea tarda associated with human immunodeficiency virus infection. *Eur J Dermatol* 8(7):492-496.
- *Dubois M, Grosse Y, Thome JP, et al. 1997. Metabolic activation and DNA-adducts detection as biomarkers of chlorinated pesticide exposures. *Biomarkers* 2:17-24.
- Dubus IG, Hollis JM, Brown CD. 2000. Pesticides in rainfall in Europe. *Environ Pollut* 110(10):331-344.
- Dunstan RH, Donohoe M, Taylor W, et al. 1995. A preliminary investigation of chlorinated hydrocarbons and chronic fatigue syndrome. *Med J Aust* 163:294-297.
- Dunstan R, Roberts T, Donohoe M, et al. 1996. Bioaccumulated chlorinated hydrocarbons and red/white blood cell parameters. *Biochem Mol Med* 58:77-84.

9. REFERENCES

- *Ecker S, Horak O. 1994. Pathways of HCB contamination to oil pumpkin seeds. *Chemosphere* 29(9-11):2135-2145.
- *Egger NG, Goeger DE, Payne DA, et al. 2002. Porphyria cutanea tarda: Multiplicity of risk factors including HFE mutations, hepatitis C, and inherited uroporphyrinogen decarboxylase deficiency. *Dig Dis Sci* 47(2):419-426.
- *Eicman GA, Clement RE, Karasek FW. 1981. Variations in concentrations of organic compounds including polychlorinated dibenzo-*p*-dioxins and polynuclear aromatic hydrocarbons in fly ash from a municipal incinerator. *Anal Chem* 53:955-959.
- *Eisenreich SJ, Looney BB, Thornton JD. 1981. Airborne organic contaminants in the Great Lakes ecosystem. *Environ Sci Tech* 15(1):30-38.
- Ejobi F, Kanja LW, Kyule MN, et al. 1996. Organochlorine pesticide residues in mothers' milk in Uganda. *Bull Environ Contam Toxicol* 56(6):873-880.
- Elder GH. 1986. Introduction to the porphyrias. *IARC Sci Publ* 77:545-547
- Elder GH, Deam S. 1990. Iron and porphyria cutanea tarda. *Mol Aspects Med* 11:82.
- *Elder GH, Urquhart AJ. 1986. Immunochemical studies of the uroporphyrinogen decarboxylase defect caused by hexachlorobenzene. In: Morris CR, Cabral JRP, eds. As: Hexachlorobenzene: Proceedings of an International Symposium. *IARC Sci Publ* 77:441-448.
- *Elder GH, Evans JO, Maltin S. 1976. The effect of the porphyrinogenic compound, hexachlorobenzene on the activity of hepatic uroporphyrinogen decarboxylase in rat liver. *Clin Sci Mol Med* 51:71.
- *Elder VA, Proctor BL, Hites RA. 1981. Organic compounds found near dump sites in Niagara Falls, New York. *Environ Sci Technol* 15:1237-1243.
- *Elkin BT, Bethke RW. 1995. Environmental contaminants in caribou in the Northwest Territories, Canada. *Sci Total Environ* 160-161:307-321.
- *Ellenhorn MJ, Barceloux DG. 1988. Medical toxicology: Diagnosis and treatment of human poisoning. New York, NY: Elsevier Press, 1078-1080.
- *Elliott JE, Martin PA. 1994. Chlorinated hydrocarbons and shell thinning in eggs of (*Accipiter*) hawks in Ontario, 1986-1989. *Environ Pollut* 86(2):189-200.
- *Engst R, Macholz RM, Kujawa M. 1976a. The metabolism of hexachlorobenzene (HCB) in rats. *Bull Environ Contam Toxicol* 16:248-252.
- Engst R, Macholz RM, Kujawa M. 1976b. [Hexachlorocyclohexane metabolites in human urine]. Z Gesamte Hyg Ihre Grenzgeb 22:205-208. (German)
- Enriquez De Salamanca RE, Lopez-Miras A, Munoz JJ, et al. 1990. Is hexachlorobenzene human overload related to porphyria cutanea tarda? A speculative hypothesis. *Med. Hypotheses* 33(1):69-71.
- EPA. 1971a. Toxicologic study of female rats administered hexachlorobutadiene or hexachlorobenzene for thirty days. Washington, DC: U.S. Environmental Protection Agency. OTS0205867.

9. REFERENCES

EPA. 1971b. Toxicologic study of female rats administered hexachlorobutadiene or hexachlorobenzene for thirty days (final report). Washington, DC: U.S. Environmental Protection Agency. OTS0537066.

EPA. 1973. Guidelines establishing test procedures for the analysis of pollutants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 136.

EPA. 1975a. National primary drinking water regulations. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.

*EPA. 1975b. Survey of industrial process data. Task 1. Hexachlorobenzene and hexachlorobutadiene pollution from chlorocarbon processing. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances. PB 243-641.

*EPA. 1976a. An ecological study of hexachlorobenzene (HCB) [Abstract]. Washington, DC: U.S. Environmental Protection Agency. EPA/560/6-76/009.

*EPA. 1976b. Sampling and analysis of selected toxic substances. Task 1A- Hexachlorobenzene. OTS, Washington, DC: U.S. Environmental Protection Agency. EPA-560/676/001.

EPA. 1978. Quantification of chlorinated hydrocarbons in previously collected air samples. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. EPA-450/3-78-112.

EPA. 1979a. Design and evaluation of a terrestrial model ecosystem for evaluation of substitute pesticide chemicals. Corvallis, OR: U.S. Environmental Protection Agency, Office of Research and Development. (authors: Metcalf RL, et al). EPA-600/3-79-004.

EPA. 1979b. Status assessment of toxic chemicals: Hexachlorobenzene. Cincinnati, OH: U.S. Environmental Protection Agency, Office of Research and Development. EPA-600/2-79-210g.

EPA. 1979c. National primary drinking water regulations. Effective dates. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.6.

*EPA. 1980a. Hazardous Waste Management System: Identification and listing of hazardous waste. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.

*EPA. 1980b. Ambient water quality criteria for chlorinated benzenes. Washington, DC: U.S. Environmental Protection Agency, Office of Water, Regulations and Standards. EPA-440/5-80-028.

*EPA. 1980c. Analysis of pesticide residues in human and environmental samples: A compilation of methods selected for use in pesticide monitoring programs. Research Triangle Park, NC: U.S. Environmental Protection Agency, Health Effects Research Laboratory, Environmental Toxicology Division. EPA-600/8-80-038.

EPA. 1980d. Pentachlorophenol (PCP) and chlorinated phenol metabolites of PCP and HCB. Manual of analytical methods for the analysis of pesticides in humans and environmental samples. Washington, DC: U.S. Environmental Protection Agency. EPA 600/8-80-38.

EPA. 1980e. Determination of pentachlorophenol (rapid method) in blood. Manual of analytical methods for the analysis of pesticides in humans and environmental samples. Washington, DC: U.S. Environmental Protection Agency. EPA 600/8-80-38.

9. REFERENCES

EPA. 1980f. U.S. Environmental Protection Agency. Federal Register. 49 FR 79318.

EPA. 1980g. A study of the mortality of those who have worked at Hooker Chemical's plant at Montague, Michigan. Washington, DC: U.S. Environmental Protection Agency. OTS0512825.

*EPA. 1981a. Aquatic fate process data for organic priority pollutants. Washington, DC: U.S. Environmental Protection Agency, Office of Water Regulations and Standards. EPA-440/4-81-014.

*EPA. 1981b. Electroplating point source category. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 413.

EPA. 1982a. Test method: Chlorinated hydrocarbons - method 612. In: Longbottom JE, Lichtenberg JJ, eds. Methods for organic chemical analysis of municipal and industrial wastewater. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory. EPA-600/4-82-057.

EPA. 1982b. Test method: Base/ neutrals and acids - method 625. In: Longbottom JE, Lichtenberg JJ, eds. Methods for organic chemical analysis of municipal and industrial wastewater. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory. EPA-600/4-82-057.

EPA. 1982c. Steam electric power generating point source category. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 423.

EPA. 1982d. Effects of selected organic drinking water contaminants on male reproduction. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Research and Development. EPA-600/1-82-009.

EPA. 1982e. Treatability manual: Volume I. Treatability Data. Washington, DC: U.S. Environmental Protection Agency, Office of Research and Development. EPA-600/2-82-001a.

EPA. 1982f. Preliminary quantitative usage analysis of picloram. Washington, DC: U.S. Environmental Protection Agency, Office of Pesticide Programs.

*EPA. 1983a. EPA administered permit programs: The national pollutant discharge elimination system. Code of Federal Regulations. 40 CFR 122.

EPA. 1983b. Metal finishing point source category. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 433.11.

EPA. 1983c. Reportable quantity document for benzene, hexachloro-. External review draft. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office ECAO-CIN-RO32.

EPA. 1983d. List of chemicals produced by affected facilities. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 60.489.

*EPA. 1984a. Primary rare earth metals. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 421.

9. REFERENCES

*EPA. 1984b. Health effects assessment for hexachlorobenzene. Cincinnati, OH: U.S. Environmental Protection Agency, Office of Research and Development. EPA/540/1-86/017.

EPA. 1984c. Nonindustrial sources of potentially toxic substances and their applicability to source apportionment. Research Triangle Park, NC: U.S. Environmental Protection Agency. EPA-450/4-84-003.

EPA. 1984d. Guidelines establishing test procedures for the analysis of pollutants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 136.

*EPA. 1984e. Methods for organic chemical analysis of municipal and industrial wastewater. Washington, DC: U.S. Environmental Protection Agency. PB83-201 798 Chlorinated Hydrocarbons-(Method 612)

*EPA. 1984f. Methods for organic chemical analysis of municipal and industrial wastewater. Washington, DC: U.S. Environmental Protection Agency. PB83-201 798 Base/Neutral and Acids-(Method 625)

EPA. 1985a. Health assessment document for chlorinated benzenes: Final Report. Cincinnati, OH: U.S. Environmental Protection Agency, Office of Research and Development. EPA/600/8-84/015F.

EPA. 1985b. Drinking water criteria document for hexachlorobenzene. Washington, DC: U.S. Environmental Protection Agency, Office of Drinking Water. EPA/600/x-84/1790-1. NTIS No. PB86-117777.

*EPA. 1985c. Standards for the management of specific hazardous wastes and specific types of hazardous waste management facilities. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266.

EPA. 1985d. Designation of reportable quantities, and notification. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.

EPA. 1985e. Standards for the management of specific hazardous wastes and specific types of hazardous waste management facilities. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266.

EPA. 1985f. National primary drinking water regulations. Maximum contaminant level goals. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.50.

*EPA. 1985g. Environmental exposure to hexachlorobenzene in the United States. Washington, DC: U.S. Environmental Protection Agency, Office of Pesticides and Toxic Substances. TS-769-c.

EPA. 1985. Preliminary quantitative usage analysis of PCNB (056502). Washington, DC: U.S. Environmental Protection Agency, Office of Pesticide Programs.

*EPA. 1986a. Method 8250: Gas chromatography/mass spectrometry for semivolatile organics: Packed column technique. In: Test methods for evaluating solid waste. 3rd ed. SW-846. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.

EPA. 1986b. Method 8270: Gas chromatography/mass spectrometry for semivolatile organics: Capillary column technique. In: Test methods for evaluating solid waste. 3rd ed. SW-846.

9. REFERENCES

Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.

*EPA. 1986c. Method 8410: Capillary column analysis of semivolatile organic compounds by gas chromatography/Fourier transform infrared (GC/FT-IR) spectrometry. In: Test methods for evaluating solid waste. 3rd ed. SW-846. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.

EPA. 1986d. Land disposal restrictions. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.

*EPA. 1986e. Exposure assessment for hexachlorobenzene. Washington, DC: U.S. Environmental Protection Agency, Office of Pesticides and Toxic Substances. EPA-560/5-86-019.

*EPA. 1986f. Broad scan analysis of the FY82 national human adipose tissue survey specimens: Volume I - Executive summary. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances. EPA-560/5-86-035.

EPA. 1986g. Report on the interim data base for state and local air toxic volatile organic chemical measurements. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. EPA-450/4-86-012.

*EPA. 1987a. Organic chemicals, plastics, and synthetic fibers. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 414.

EPA. 1987b. Hexachlorobenzene health advisory. Washington, DC: U.S. Environmental Protection Agency, Office of Drinking Water.

EPA. 1987c. U.S. Environmental Protection Agency. Federal Register. 52:25942-25953.

EPA. 1987d. National primary drinking water regulations. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.

EPA. 1987e. Land Disposal Restrictions. Treatment standards applicability. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.40.

EPA. 1987f. Reference dose (RfD): Description and use in health risk assessments. Vol. I, Appendix A: Integrated risk information system supportive documentation. Washington, DC: U.S. Environmental Protection Agency, Office of Health and Environmental Assessment. EPA/600/8-86/032a.

*EPA. 1987g. Measurement of hydrolysis rate constants for evaluation of hazardous waste land disposal. Vol 2. Washington, DC: U.S. Environmental Protection Agency. EPA-600/53-87-019.

*EPA. 1988a. Drinking water criteria document for hexachlorobenzene. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment. ECAO-CIN 424.

EPA. 1988b. Toxic chemical release reporting: Community right-to-know. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 372.

9. REFERENCES

*EPA. 1988c. Methods for the determination of organic compounds in drinking water. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory, Office of Research and Development. EPA-600/4-88-039.

*EPA. 1988d. Compendium of methods for the determination of toxic organic compounds in ambient air. Research Triangle Park, NC: U.S. Environmental Protection Agency, Quality Assurance Division, Environmental Monitoring Systems Laboratory. EPA-600/4-89-017.

*EPA. 1988e. Method 505: Method for the determination of organic compounds in drinking water. Washington, DC: U.S. Environmental Protection Agency. EPA 600/4-88/039.

*EPA. 1988f. Method 508: Method for the determination of organic compounds in drinking water. Washington, DC: U.S. Environmental Protection Agency. EPA 600/4-88/039.

EPA. 1988g. The emergency planning and community right-to-know act of 1986. Washington, DC: U.S. Environmental Protection Agency.

*EPA. 1988h. Analytical and sampling methods of the Nonoccupational Pesticide Exposure Study (NOPES). Washington, DC: U.S. Environmental Protection Agency. EPA 600/9-88-015.

*EPA. 1989a. U.S. Environmental Protection Agency: Part II. Federal Register. 54:1056-1120.

EPA. 1989b. U.S. Environmental Protection Agency. Federal Register 54 FR 33418.

EPA. 1989c. Mortality among Dow Chemical employees of a Texas operations per-tete manufacturing plant. Washington, DC: U.S. Environmental Protection Agency. OTS0516752.

*EPA. 1990. Interim methods for development of inhalation reference concentrations. Washington DC: U.S. Environmental Protection Agency. EPA/600/8-90/066A.

EPA. 1991. Criteria for municipal solid waste landfills (Eff. 10-9-93). Washington, DC: U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 258.

EPA. 1992a. Drinking water regulations and health advisories. Washington, DC: U.S. Environmental Protection Agency, Office of Water.

*EPA. 1992b. "National study of chemical residues in fish." and "Guidance for assessing chemical contaminants data for use in fish advisories." 2 Volumes. Washington, DC: U.S. Environmental Protection Agency, Office of Water, Office of Science and Technology. EPA-823-R-92-008a and -008b.

EPA. 1992c. General pretreatment regulations for existing and new sources of pollution. U.S. Environmental Protection Agency. 40 CFR 403.

EPA. 1992d. Initial submission: Letter submitting studies on dibromohexachlorooctahydro-dimethylnaphthalene, decachlorooctahydrodimethanonaphthalene, and Hexabromodiphenylamine (final report). Washington, DC: U.S. Environmental Protection Agency. OTS0537064.

EPA. 1992e. Initial submission: 28-day dietary feeding study in rats on 7 chemicals: Hexachlorobenzene; technical DAC 839, dacthal; pure dacthal; DAC 1209; DAC 976 W-letter 022192. Washington, DC: U.S. Environmental Protection Agency. OTS0537065.

9. REFERENCES

*EPA. 1993a. Guidance for assessing chemical contaminant data for use in fish advisories. Vol. 1. Fish sampling and analysis. Washington DC: U.S. Environmental Protection Agency, Office of Water. EPA-823-R-93-002.

EPA. 1993b. Status of pesticides in reregistration and special review. Washington, DC: U.S. Environmental Protection Agency. Office of Pesticide Programs, Special Review and Reregistration Division. EPA-738-R-93-009.

*EPA. 1994a. Test methods for evaluating solid waste. Volume IB: Laboratory Manual Physical/Chemical Methods. U.S. Environmental Protection Agency. Method 8270B.

*EPA. 1994b. Hexachlorobenzene carcinogenicity summary table. Office of health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. Washington DC: Office of air quality planning and standards. EPA 600/8-84-015F.

*EPA. 1994c. Personal communication to Dr. Patricia Cunningham, Research Triangle Institute, regarding percent contamination of hexachlorobenzene in pentachlorophenol. U.S. Environmental Protection Agency, Office of Pesticide Programs, Washington DC (April 13, 1994).

EPA. 1995a. The National listing of fish consumption advisories. Office of Science and Technology, Washington, DC: U.S. Environmental Protection Agency. EPA-823-C-95-001.

*EPA. 1995b. Guidance for assessing chemical contaminant data for use in fish advisories. Vol 1: Fish sampling and analysis. Second Edition. Washington, DC: U.S. Environmental Protection Agency, Office of Science and Technology. EPA 823-R-95-007.

*EPA. 1995c. Toxic chemical release inventory. Reporting form R and instructions. Washington DC: U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics. EPA 745-K-95-051.

EPA. 1995d. Universal Treatment Standards. U.S. Environment Protection Agency. 60 FR 242.

EPA. 1995e. Drinking water regulations and health advisories. Washington, DC: U.S. Environmental Protection Agency, Office of Water.

EPA. 1996. National listing of fish consumption advisories summary report. Washington, DC: U.S. Environmental Protection Agency.

*EPA. 1997a. Automated Form R for Windows: User's guide (RY97). Washington, DC: U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics.

*EPA. 1997b. Listing of fish and wildlife consumption advisories. Washington, DC: U.S. Environmental Protection Agency. <http://fish.rti.org/>.

*EPA. 1997c. Special report on environmental endocrine disruption: An effects assessment and analysis. Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. EPA/630/R-96/012.

*EPA. 1999a. Chemicals and chemical categories to which this part applies. Washington, DC: U.S. Environmental Protection Agency. 40CFR 372.65 Subpart D.

*EPA. 1999b. Consumer confidence reports. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 141 Subpart O.

9. REFERENCES

EPA. 1999c. Demonstration of early reduction. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 63.74.

*EPA. 1999d. Designation of hazardous substances. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 302.4.

*EPA. 1999e. Discarded commercial chemical products, off-specification species, container residues, and spill residues thereof. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 261.33.

EPA. 1999f. Effective dates. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 141.6.

*EPA. 1999g. Maximum contaminant level goals and maximum residual disinfectant level goals. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 141.50 Subpart F.

*EPA. 1999h. Public notification. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 141.32.

EPA. 1999i. Specialized definitions. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 433.11.

*EPA. 1999j. Toxicity characteristic. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 261.24.

*EPA. 1999k. Universal treatment standards. Washington, DC: U.S. Environmental Protection Agency. 40 CFR 268.48.

*EPA. 2001a. Designation, reportable quantities, and notification. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4. <http://ecfr.access.gpo.gov/otcgi/cfr/otfilter.cgi>. December 19, 2001.

*EPA. 2001b. Electroplating point source category. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 413.02. <http://frwebgate.access.gpo.gov/cgi-bin/>. December 20, 2001.

*EPA. 2001c. Metal finishing point source category. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 433.11. <http://frwebgate.access.gpo.gov/cgi-bin/>. December 20, 2001.

*EPA. 2001d. Nonferrous metals manufacturing point source category. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 421.274. <http://frwebgate.access.gpo.gov/cgi-bin/>. December 20, 2001.

*EPA. 2001e. Organic chemicals, plastics, and synthetic fibers. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 414.

http://www.access.gpo.gov/nara/cfr/cfrhtml_00>Title_40/40cfr414_main_00.html. December 19, 2001.

*EPA. 2001f. Groundwater monitoring list. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264, Appendix IX. <http://ecfrback.access.gpo.gov/otcgi/cfr/otfilter.cgi>. December 19, 2001.

*EPA. 2001g. Hazardous waste management. Risk specific doses. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266, Appendix V. <http://ecfrback.access.gpo.gov/otcgi/cfr/otfilter.cgi>. December 19, 2001.

9. REFERENCES

- *EPA. 2001h. Health based limits for exclusion of waste-derived residues. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266, Appendix VII. <http://ecfrback.access.gpo.gov/otcgi/cfr>. December 19, 2001.
- *EPA. 2001i. Identification and listing of hazardous waste. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.33(f). <http://ecfrback.access.gpo.gov/otcgi/cfr...8&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1> December 19, 2001.
- *EPA. 2001j. Land disposal restrictions. Universal treatment standards. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.48. <http://ecfr.access.gpo.gov/otcgi/cfr>. December 19, 2001.
- *EPA. 2001k. Maximum contaminant levels for organic contaminants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.61(c). <http://ecfr.access.gpo.gov/otcgi/cfr/otf>. December 19, 2001.
- *EPA. 2001l. Maximum contaminant level goals for organic contaminants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.50(a)(22). <http://ecfr.access.gpo.gov/otcgi/cfr/otf>. December 19, 2001.
- *EPA. 2001m. National primary drinking water regulations. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141. <http://ecfrback.access.gpo.gov/otcgi/cfr>. December 19, 2001.
- *EPA. 2001n. Toxic chemical release reporting; Community right-to-know. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 372. <http://ecfrback.access.gpo.gov/otcgi/cfr>. December 19, 2001.
- *EPA. 2001o. Toxic chemical release reporting; Community right-to-know. Alternate reporting thresholds and certification. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 372.27. <http://ecfrback.access.gpo.gov/otcgi/cfr>. December 19, 2001.
- *EPA. 2001p. Toxicity characteristic. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.24. <http://ecfrback.access.gpo.gov/otcgi/cfr>. December 19, 2001.
- Ertürk E, Grunden EE, Bryan GT. 1981. Subchronic toxicity of hexachlorobenzene (HCB) in rats, mice, and hamsters. *Fed Amer Soc Expt Bio* 40(3P1):745. (Abstract)
- *Ertürk E, Lambrecht RW, Peters HA, et al. 1986. Oncogenicity of hexachlorobenzene. *IARC Sci Publ* 77:417-423.
- Fairey R, Taberski K, Lamerdin S, et al. 1997. Organochlorines and other environmental contaminants in muscle tissue of sportfish collected from San Francisco Bay. *Mar Pollut Bull* 34(12):1058-1071.
- Fakan F, Chlumska A, Krut J, et al. 1997. Liver cell cytoplasmic inclusions in experimental porphyrias: their demonstration with the ferric ferricyanide reduction reaction. *Exp Toxicol Pathol* 49:289-293.
- *Falck F, Ricci A, Wolff MS, et al. 1992. Pesticides and polychlorinated biphenyl residues in human breast lipids and their relation to breast cancer. *Arch Environ Health* 47(2):143-146.
- Farm Chemicals Handbook. 1983. Willoughby, OH: Meister Publishing Co.

9. REFERENCES

- *Farm Chemicals Handbook. 1993. Willoughby, OH: Meister Publishing Co.
- *Farm Chemicals Handbook. 2000. Vol. 86. Willoughby, OH: Meister Publishing Co., C213.
- *Farmer WT, Yank M, Letey J, et al. 1976. Land disposal of organic hazardous waste containing HCB. In: National conference of residues on land proceedings. St. Louis, MS: Environmental Protection Agency, 83-86.
- *Fathepure BZ, Tiedje JM, Boyd SA. 1988. Reductive dechlorination of hexachlorobenzene to tri- and dichlorobenzenes in anaerobic sewage sludge. *Appl Environ Microbiol* 54:327-330.
- *FDA. 1989. Food and Drug Administration pesticide program - residues in foods 1988. *J AOAC International* 72(5):133A-152A.
- *FDA. 1990. Food and Drug Administration pesticide program - residues in foods 1989. *J Assoc Off Anal Chem* 73:127A-146A.
- *FDA. 1991. Food and Drug Administration pesticide program - residues in foods 1990. *J Assoc Off Anal Chem* 74(5):121A-140A.
- *FDA. 1992. Food and Drug Administration pesticide program - residues in foods 1991. *J Assoc Off Anal Chem* 75:135A-157A.
- *FDA. 1994. Food and Drug Administration pesticide program - residue monitoring. Residues in food-1993. *J AOAC Int* 77(5):161A-185A.
- *FDA. 1995. Residue monitoring, 1994 (8th annual FDA pesticide residue monitoring program report). *J AOAC Int* 78(5):119A-142A.
- FEDRIP. 1995. Federal Research in Progress. Dialog Information Service Inc. Amarillo, TX.
- *FEDRIP. 2000. Federal Research In Progress Database. National Technical Information Service, Springfield, VA.
- *FEDRIP. 2001. Federal Research In Progress Database. National Technical Information Service, Springfield, VA.
- *Feldman ES, Bacon BR. 1989. Hepatic mitochondrial oxidative metabolism and lipid peroxidation in experimental hexachlorobenzene-induced porphyria with dietary carbonyl iron overload. *Hepatology* 9:686-692.
- *Fernandez-Tome M, Billi de Cataffi SC, Aldonatti C, et al. 2000. Heme metabolism and lipid peroxidation in rat kidney hexachlorobenzene-induced porphyria: A compartmentalized study of biochemical pathogenic mechanisms. *Kidney Blood Pressure Research* 23:20-26.
- Finley B, Kirman C, Wenning RJ, et al. 1998. Does the available toxicological evidence warrant identification of hexachlorobenzene as a "dioxin-like" chemical? *Organohalogen Compounds* 38:325-329.
- Fisher J, Mahle D, Bankston L, et al. 1997. Lactational transfer of volatile chemicals in breast milk. *Am Ind Hyg Assoc J* 58:425-431.

9. REFERENCES

*Fitzgerald EF, Hwang S, Deres DA, et al. 2001. The association between local fish consumption and DDE, mirex, and HCB concentrations in the breast milk of Mohawk women at Akwesasne. *J Expo Anal Environ Epidemiol* 11:381-388.

Fleischer O, Wichmann H, Lorenz W. 1999. Release of polychlorinated dibenzo-*p*-dioxins and dibenzofurans by setting off fireworks. *Chemosphere* 39(6):925-932.

*Foley RE. 1992. Organochlorine residues in New York waterfowl harvested by hunters in 1983-1984. *Environ Monit Assess* 21:37-48.

*Fomon SJ. 1966. Body composition of the infant: Part I: The male "reference infant". In: Falkner F, ed. *Human development*. Philadelphia, PA: WB Saunders, 239-246.

*Fomon SJ, Haschke F, Ziegler EE, et al. 1982. Body composition of reference children from birth to age 10 years. *Am J Clin Nutr* 35:1169-1175.

Foster WG. 1998. Endocrine disruptors and development of the reproductive system in the fetus and children: Is there a cause for concern? *Can J Public Health* 89(Suppl. 1):S37-S52.

Foster W, Chan S, Platt L, et al. 2000. Detection of endocrine disrupting chemicals in samples of second trimester human amniotic fluid. *J Clin Endocrinol Metab* 85(8):2954-2957.

Foster WG, Jarrell JF, Younglai EV, et al. 1996. An overview of some reproductive toxicology studies conducted at health Canada. *Toxicol Ind Health* 12(3/4):447-459.

*Foster WG, McMahon A, Villeneuve DC, et al. 1992a. Hexachlorobenzene (HCB) suppresses circulating progesterone concentrations during the luteal phase in the cynomolgus monkey. *J Applied Toxicol* 12:13-17.

*Foster WG, McMahon A, Youngai EV, et al. 1995a. Alterations in circulating ovarian steroids in hexachlorobenzene-exposed monkeys. *Reprod Toxicol* 9(6):541-548.

*Foster WG, Mertineit C, Yagminas AL, et al. 1995b. The effects of hexachlorobenzene on circulating levels of adrenal steroids in the ovariectomized rat. *J Biochem Toxicol* 10(3):129-135.

*Foster WG, Pentick JA, McMahon A, et al. 1992b. Ovarian toxicity of hexachlorobenzene (HCB) in the superovulated female rat. *J Biochem Toxicol* 7:1-4.

*Foster WG, Pentick JA, McMahon A, et al. 1993. Body distribution and endocrine toxicity of hexachlorobenzene (HCB) in the female rat. *J Appl Toxicol* 13:79-83.

*Fracanzani AL, Taioli E, Sampietro M, et al. 2001. Liver cancer risk is increased in patients with porphyria cutanea tarda in comparison to matched control patients with chronic liver disease. *J Hepatol* 35:498-503.

*Frank R, Rasper J, Smout MS, et al. 1988. Organochlorine residues in adipose tissues, blood and milk from Ontario residents, 1976-1985. *Can J Public Health* 79:150-158.

Franklin MR, Phillips JD, Kushner JP. 1997. Cytochrome P450 induction, uroporphyrinogen decarboxylase depression, porphyrin accumulation and excretion, and gender influence in a 3-week rat model of porphyria *cutanea tarda*. *Toxicol Appl Pharmacol* 147:289-299.

9. REFERENCES

*Freeman RA, Rozman KK, Wilson AG. 1989. Physiological pharmacokinetic model of hexachlorobenzene in the rat. *Health Phys* 57(Supp 1):139-145.

FSTRAC. 1988. Summary of state and federal drinking water standards and guidelines. Washington, DC: Federal-State Toxicology and Regulatory Alliance Committee, Chemical Communication Subcommittee.

FSTRAC. 1990. Summary of state and federal drinking water standards and guidelines. Washington, DC: Federal-State Toxicology and Regulatory Alliance Committee, Chemical Communication Subcommittee.

*FSTRAC. 1999. Summary of state and federal drinking water standards and guidelines. Washington, DC: Federal-State Toxicology and Regulatory Alliance Committee, Chemical Communication Subcommittee.

Funari E. 1995. Human health implications associated with the presence of pesticides in drinking water. In: Vighi M, Funari E, eds. *Pesticide risk in groundwater*. Boca Raton, FL: CRC Press, 121-130.

*Garrison AW, Pellizzari ED. 1987. Application of the master analytical scheme to polar organic compounds in drinking water. In: Suffet IH, Malaiyandi M, eds. *Organic pollutants in water: Sampling, analysis, and toxicity testing. Advances in Chemistry Series No. 214*. American Chemical Society, 83-95.

*Gartrell MJ, Craun JC, Podrebarac DS, et al. 1986. Pesticides, selected elements, and other chemicals in infant and toddler total diet samples, October 1980 -March 1982. *J Assoc Off Anal Chem* 69:123-145.

*Gauthier JM, Metcalfe CD, Sears R. 1997. Chlorinated organic contaminants in blubber biopsies from northwestern Atlantic balaenopterid whales summering in the Gulf of St Lawrence. *Mar Environ Res* 44(2):201-223.

Gauthier JM, Pelletier E, Brochu C, et al. 1998. Environmental contaminants in tissues of neonate St Lawrence Beluga whale (*Delphinapterus leucas*). *Mar Pollut Bull* 36(1):102-108.

*Gebauer MB, Weseloh DV. 1993. Accumulation of organic contaminants in sentinel mallards utilizing confined disposal facilities at Hamilton Harbour, Lake Ontario, Canada. *Arch Environ Contam Toxicol* 25(2):234-243.

*Gerhard I, Daniel V, Link S, et al. 1998. Chlorinated hydrocarbons in women with repeated miscarriages. *Environ Health Perspect* 106:675-681.

Gerhard I, Monga B, Krahe J, et al. 1999. Chlorinated hydrocarbons in infertile women. *Environ Res* A80:299-310.

*Gerstenberger SL, Gallinat MP, Dellinger JA. 1997. Polychlorinated biphenyl congeners and selected organochlorines in Lake Superior fish, USA. *Environ Toxicol Chem* 16(11):2222-2228.

Giesy JP, Bowerman WW, Mora MA, et al. 1995. Contaminants in fishes from Great Lakes-influenced sections and above dams of three Michigan rivers: III. Implications for health of bald eagles. *Arch Environ Contam Toxicol* 29:309-321.

9. REFERENCES

- Gillan KA, Hasspieler BM, Russell RW, et al. 1998. Ecotoxicological studies in amphibian populations of southern Ontario. *J Great Lakes Res* 24(1):45-54.
- *Giwerzman A, Carlsen E, Keiding N, et al. 1993. Evidence for increasing incidence of abnormalities of the human testis: A review. *Environ Health Perspect Suppl* 101(2):65-71.
- *Gladen BC, Monaghan SC, Lukyanova EM, et al. 1999. Organochlorines in breast milk from two cities in Ukraine. *Environ Health Perspect* 107(6):459-462.
- *Glynn AW, Wolk A, Aune M, et al. 2000. Serum concentrations of organochlorines in men: a search for markers of exposure. *Sci Total Environ* 263:197-208.
- *Gocmen A, Peters HA, Cripps DJ, et al. 1989. Hexachlorobenzene episode in Turkey. *Biomed Environ Sci* 2:36-43.
- *Goerz G, Bölsen K, Kalofoutis A, et al. 1994. Influence of oral isotretinoin on hepatic and cutaneous P-450-dependent isozyme activities. *Arch Dermatol Res* 286:104-106.
- Goerz G, Bölsen K, Seuwen P, et al. 1986. Effects of chloroquine and hydroxychloroquine on the hexachlorobenzene-induced porphyria in rats. *IARC Sci Publ* 77:513-515.
- *Goerz G, Vizethum W, Bölsen K, et al. 1978. [Hexachlorobenzene (HCB) induced porphyria in rats. Influence of Hexachlorobenzene-metabolites on the biosynthesis of heme]. *Arch Dermatol Res* 263:189-196. (German)
- Golden RJ, Noller KL, Titus-Ernstoff L, et al. 1998. Environmental endocrine modulators and human health: an assessment of the biological evidence. *Crit Rev Toxicol* 28:109-227.
- *Goldey ES, Taylor DH. 1992. Developmental neurotoxicity following premating maternal exposure to hexachlorobenzene in rats. *Neurotoxicol Teratol* 14:15-21.
- *Goldey ES, Fisher JW, Taylor DH. 1990. Maternal transfer of hexachlorobenzene in the rat. Poster Abstract-Methods in Behavioral Toxicology and Teratology 12:562-563.
- Goldey ES, Tilson HA, Crofton KM. 1995. Implications of the use of neonatal birth weight, growth, viability, and survival data for predicting developmental neurotoxicity: A survey of the literature. *Neurotoxicol Teratol* 17(3):313-332.
- *Goldfrank RL, et al. 1994. Goldfrank's toxicologic emergencies. 5th ed. Appleton and Lange 5th Edition.
- Goldman LR. 1997. New approaches for assessing the etiology and risks of developmental abnormalities from chemical exposure. *Reprod Toxicol* 11(2/3):443-451.
- *Goldstein JA, Freisen M, Linder RE, et al. 1977. Effects of pentachlorophenol on hepatic drug metabolism enzymes and porphyria related to contamination with chlorinated dibenzo-*p*-dioxins and dibenzofurans. *Biochem Pharmacol* 26:1549-1557.
- *Goldstein JA, Freisen M, Scotti TM, et al. 1978. Assessment of the contribution of chlorinated dibenzo-*p*-dioxins and dibenzofurans to hexachlorobenzene-induced toxicity, porphyria, changes in mixed function oxidases and histopathological changes. *Toxicol Appl Pharmacol* 46:633-649.

9. REFERENCES

*Goldstein JA, Linko P, Hahn ME, et al. 1986. Structure-activity relationships of chlorinated benzenes as inducers of hepatic cytochrome P-450 isozymes in the rat. IARC Sci Publ 77:519-526.

*Gopalaswamy UV, Aiyar AS. 1986. Biotransformation and toxicity of lindane and its metabolite hexachlorobenzene in mammals. IARC Sci Publ 77:267-276.

*Gopalaswamy UV, Nair CKK. 1992. DNA binding and mutagenicity of lindane and its metabolites. Bull Environ Contam Toxicol 49:300-305.

Gorski T, Gorska E, Gorecka D, et al. 1986. Hexachlorobenzene is non-genotoxic in short-term tests. IARC Sci Publ 77:399-401.

Gosselin RE, Smith RP, Hodge HC, et al, eds. 1984. Clinical toxicology of commercial products. 5th ed. Baltimore, MD: Williams and Wilkins, II-170.

Gould JW, Mercurio MG, Elmets CA. 1995. Cutaneous photosensitivity diseases induced by exogenous agents. J Am Acad Dermatol 33(4):551-576.

*Gralla EJ, Fleischman RW, Luthra YK, et al. 1977a. Toxic effects of hexachlorobenzene after daily administration to beagle dogs for one year. Toxicol Appl Pharmacol 40:227-239.

*Gralla EJ, Fleischman RW, Luthra YK, et al. 1977b. The absence of porphyria in beagle dogs administered hexachlorobenzene for twelve months. Toxicol Appl Pharmacol 41:202-203. (Abstract)

*Grant DL, Phillips WE, Hatina GV. 1977. Effect of hexachlorobenzene on reproduction in the rat. Arch Environ Contam Toxicol 5:207-216.

Grant DL, Shields JB, Villeneuve DC. 1975. Chemical (HCB) Porphyria: Effect of removal of sex organs in the rat. Bull Environ Contam Toxicol 14(4):422-425.

Gray LE, Monosson E, Kelce WR. 1996. Emerging issues: the effects of endocrine disrupters on reproductive development. In: Di Giulio RT, Monosson E, eds. Interconnections between human and ecosystem health. London: Chapman and Hall, 45-82.

Green JA, Francis JE, Wolf CR, et al. 1989. Sexual dimorphism of cytochrome P-450 induction by hexachlorobenzene in rats. Biochem Soc Trans 17:1016-1017.

*Greizerstein HB, Stinson C, Mendola P, et al. 1999. Comparison of PCB congeners and pesticide levels between serum and milk from lactating women. Environ Res A80:280-286.

*Grimalt JO, Sunyer J, Moreno V, et al. 1994. Risk excess of soft-tissue sarcoma and thyroid cancer in a community exposed to airborne organochlorinated compound mixtures with a high hexachlorobenzene content. Int J Cancer 56:200-203.

*Grinstein M. 1977. Simplified method for the determination of porphyrins in body fluids. Anal Biochem 77:577-580.

*Guerzoni ME, Del Cupolo L, Ponti I. 1976. Mutagenic activity of pesticides. Riv Sci Tecnol Alimenti Nutr Um 6:161-165.

9. REFERENCES

- *Gunderson EL. 1988. FDA total diet study, April 1982-April 1984. Dietary intakes of pesticides, selected elements, and other chemicals. *J Assoc Off Anal Chem* 71(6):1200-1209.
- *Gustafson DL, Long ME, Thomas RS, et al. 2000. Comparative hepatocarcinogenicity of hexachlorobenzene, pentachlorobenzene, 1,2,4,5-Tetrachlorobenzene, and 1,4-Dichlorobenzene: application of a medium-term liver focus bioassay and molecular and cellular indices. *Toxicol Sci* 53:245-252.
- *Guttes S, Failing K, Neumann K, et al. 1998. Chlororganic pesticides and polychlorinated biphenyls in breast tissue of women with benign and malignant breast disease. *Arch Environ Contam Toxicol* 35:140-147.
- *Guzelian PS, Henry CJ, Olin SS, eds. 1992. Similarities and differences between children and adults: Implications for risk assessment. Washington, DC: International Life Sciences Institute Press, 1-285.
- *Haddad LM, Winchester JF, eds. 1990. Clinical management of poisoning and drug overdose. 2nd ed. Philadelphia, PA: W.B. Saunders Co., 1084-1085.
- *Hagmar L, Bjork J, Sjodin A, et al. 2001. Plasma levels of persistent organohalogens and hormone levels in adult male humans. *Arch Environ Health* 56(2):138-143.
- *Hahn ME, Gasiewicz TA, Linko P, et al. 1988. The role of the Ah locus in hexachlorobenzene-induced porphyria: Studies in congenic C57BL/6J mice. *Biochem J* 254:245-254.
- *Hahn ME, Goldstein JA, Linko P, et al. 1989. Interaction of hexachlorobenzene with the receptor for 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro and in vivo. *Arch Biochem Biophys* 270:344-355.
- *Hansch C, Leo A, Hoekman D. 1995. Exploring QSAR: Hydrophobic, electronic, and steric constants. Washington, DC: American Chemical Society, 15.
- *Hansen LG, Simon J, Dorn SB, et al. 1979. Hexachlorobenzene distribution in tissues of swine. *Toxicol Appl Pharmacol* 51:1-7.
- Hanstein WG, Heitmann TD, Sandy A, et al. 1981. Effects of hexachlorobenzene and iron loading on rat liver mitochondria. *Biochim Biophys Acta* 678:293-299.
- Hardell L, Van Bavel B, Lindstrom G, et al. 1996. Higher concentrations of specific polychlorinated Biphenyl congeners in adipose tissue form non-Hodgkin's lymphoma patients compared with controls without a malignant disease. *Int J Oncol* 9:603-608.
- *Hardell L, Van Bavel B, Lindstrom G, et al. 1997. Increased age-related concentrations of polychlorinated biphenyls in four male patients with Ewing's sarcoma. *Int J Environ Health Res* 7:307-313.
- Hawker DW, Connell DW. 1986. Bioconcentration of lipophilic compounds by some aquatic organisms. *Ecotoxicol Environ Saf* 11:184-197.
- *Haworth S, Lawlor T, Mortelmans K, et al. 1983. *Salmonella* mutagenicity test results for 250 chemicals. *Environ Mutagen (suppl 1)*:3-142.

9. REFERENCES

- Hawthorne SB, Miller DJ. 1987. Directly coupled supercritical fluid extraction--gas chromatographic analysis of polycyclic aromatic hydrocarbons and polychlorinated biphenyls from environmental solids. *J Chromatog* 403:63-76.
- HAZDAT. 1996. Agency for Toxic Substances and Disease Registry (ATSDR), database. Atlanta, GA.
- HAZDAT. 2000. Agency for Toxic Substances and Disease Registry (ATSDR), database. Atlanta, GA.
- HAZDAT. 2001. Agency for Toxic Substances and Disease Registry (ATSDR), database. Atlanta, GA.
- *HAZDAT. 2002. Agency for Toxic Substances and Disease Registry (ATSDR), database. Atlanta, GA.
- Headley DB, Lambrecht RW, Erturk E, et al. 1981. Neuropathology and tissue levels of hexachlorobenzene (HCB) fed to rats, mice and hamsters. *Proceedings - Fed Amer Soc Expt Bio* 40(3P1):699. (Abstract)
- *Hebert CE, Weseloh DV, Kot L, et al. 1994. Organochlorine contaminants in a terrestrial foodweb on the Niagara Peninsula, Ontario Canada 1987-1989. *Arch Environ Contam Toxicol* 26:356-366.
- *Herrero C, Ozalla D, Sala M, et al. 1999. Urinary porphyrin excretion in a human population highly exposed to hexachlorobenzene. *Arch Dermatol* 135:400-404.
- *HI Dept of Health. 1999a. Hexachlorobenzene: Safe drinking water rules. Hawaii Department of Health. <http://www.hawaii.gov/health>.
- *HI Dept of Health. 1999b. Hexachlorobenzene: clean water rules. Hawaii Department of Health. <http://www.hawaii.gov/health>.
- *Hippelein M, Kaupp H, Doerr G, et al. 1993. Testing of a sampling system and analytical method for determination of semivolatile organic compounds in ambient air. *Chemosphere* 26(12):2255-2263.
- *Hirsch M, Hutzinger O. 1989. Naturally occurring proteins from pond water sensitize hexachlorobenzene photolysis. *Environ Sci Technol* 23:1306-1307.
- *Hoel DG, Davis DL, Miller AB, et al. 1992. Trends in cancer mortality in 15 industrialized countries, 1969-1986. *J Natl Cancer Inst* 84(5):313-320.
- *Hoff RM, Muir DCG, Grift NP. 1992. Annual cycle of polychlorinated biphenyls and organohalogen pesticides in air in Ontario.2. Atmospheric Transport- and Sources. *Environ Sci Technol* 26:276-283.
- *Hoff RM, Strachan MJ, Sweet CW, et al. 1996. Atmospheric deposition of toxic chemicals to the Great Lakes: A review of data through 1994. *Atmos Environ* 30(20):3505-3527.
- Hoffman W. 1996. Organochlorine compounds: Risk of non-Hodgkin's lymphoma and breast cancer? *Arch Environ Health* 51(3):189-192.
- Holladay SD. 1999. Prenatal immunotoxicant exposure and postnatal autoimmune disease. *Environ Health Perspect* 107(Suppl. 5):687-691.

9. REFERENCES

- Holladay SD, Smialowicz RJ. 2000. Development of the murine and human immune system: differential effects of immunotoxicants depend on time of exposure. *Environ Health Perspect* 108(Suppl. 3):463-473.
- Hong CS, Calambokidis J, Bush B, et al. 1996. Polychlorinated biphenyls and organochlorine pesticides in harbor seal pups from the inland waters of Washington state. *Environ Sci Technol* 30:837-844.
- Hontela A, Dumont P, Duclos D, et al. 1995. Endocrine and metabolic dysfunction in yellow perch, *Perca flavescens*, exposed to organic contaminants and heavy metals in the St. Lawrence River. *Environ Toxicol Chem* 14(4):725-731.
- *Hooper K, Petreas MX, She J, et al. 1997. Analysis of breast milk to assess exposure to chlorinated contaminants in Kazakhstan: PCBs and organochlorine pesticides in southern Kazakhstan. *Environ Health Perspect* 105(11):1250-1254.
- *Hoppin JA, Tolbert PE, Holly EA, et al. 2000. Pancreatic cancer and serum organochlorine levels. *Cancer Epidemiol Biomarkers Prev* 9:199-205.
- Horvath ME, Faux SP, Blazovics A, et al. 2001. Lipid and DNA oxidative damage in experimentally induced hepatic porphyria in C57BL/10ScSn mice. *Z Gastroenterol* 39(6):453-455,458.
- *Hosie S, Loff S, Witt K, et al. 2000. Is there a correlation between organochlorine compounds and undescended testes? *Eur J Pediatr Surg* 10:304-309.
- Hothem RL, Zador SG. 1995. Environmental contaminants in eggs of California least terns (*Sterna antillarum browni*). *Bull Environ Contam Toxicol* 55:658-665.
- Hothem RL, Lonzarich DG, Takekawa J, et al. 1998. Contaminants in wintering canvasback and scaups for San Francisco Bay, California. *Environ Monit Assess* 50:67-84.
- *Howard PH, ed. 1990. *Handbook of environmental fate and exposure data for organic chemicals*. Chelsea, MI: Lewis Publishers Vol I: 351-359.
- *Howard PH, Boethling RS, Jarvis WF, et al. eds. 1991. *Handbook of environmental degradation rates*. Chelsea, MI: Lewis Publishers. 452-453.
- Hoyer AP, Grandjean P, Jorgensen T, et al. 1998. Organochlorine exposure and risk of breast cancer. *Lancet* 352:1816-1820.
- HSDB. 1994. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. December, 1988.
- *HSDB. 1995. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Program (via TOXNET), Bethesda, MD. January 1995.
- *HSDB. 1996. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD.
- *HSDB. 2001. Hexachlorobenzene. Hazardous Substances Data Bank. <http://toxnet.nlm.nih.gov/cgi-bin/sis/search>. September 05, 2001.

9. REFERENCES

- Huang TL, Obin PO, Jaiswal R, et al. 1997. Evaluation of liver and brain esterases in the spotted gar fish (*Lepisosteus oculatus*) as biomarkers of effect in the lower Mississippi River Basin. Bull Environ Contam Toxicol 58:688-695.
- *Huang X, Wang S, Fan X. 1989. The effect of hexachlorobenzene and DDT on reproductive outcomes of rural women. Environ Mol Mutagen 14(Suppl. 15):92.
- Hyland JL, Snoots TR, Balthis WL. 1998. Sediment quality of estuaries in the southeastern U.S. Environ Monit Assess 51:331-343.
- *IARC. 1979. International Agency for Research on Cancer (IARC) monograph on the evaluation of the carcinogenic risk of chemicals to humans: some halogenated hydrocarbons. Vol. 20. International Agency for Research on Cancer, World Health Organization, Lyon, France, 155-178.
- *IARC. 1987. IARC monograph on the evaluation of the carcinogenic risk of chemicals to humans. Supplement F to Volumes 1 to 42. International Agency for Research on cancer, World Health Organization, Lyon, France. 1979.
- *IARC. 1998. Hexachlorobenzene (group 2B): Summary of data reported and evaluation. International Agency for Research on Cancer, World Health Organization, Lyon France.
<http://193.51.164.11/htdocs/monographs/Suppl7/Hexachlorobenzene>.
- *IARC. 2001. Hexaclarobenzene. International Agency for the Research on Cancer.
<http://193.51.164.11/htdocs/Monographs/Suppl7/Hexachlorobenzene.html>. December 19, 2001.
- *Iatropoulos MJ, Bailey J, Adams HP, et al. 1978. Response of nursing infant rhesus to clophen A-30 or hexachlorobenzene given to their lactating mothers. Environ Res 16:38-47.
- *Iatropoulos MJ, Hobson W, Knauf V, et al. 1976. Morphological effects of hexachlorobenzene toxicity in female rhesus monkeys. Toxicol Appl Pharmacol 37:433-444.
- *Iatropoulos MJ, Milling A, Muller WF, et al. 1975. Absorption, transport and organotropism of dichlorobiphenyl (DCB), dieldrin, and hexachlorobenzene (HCB) in rats. Environ Res 10:384-389.
- *ID Dept Health Welfare. 1999. Rules for the control of air pollution in Idaho. Idaho Department of Health and Welfare. <http://www.state.id.us>.
- *Ingebrigtsen K. 1986. Comparative studies on the distribution and excretion of 14C-hexachlorobenzene by whole-body autoradiography. IARC Sci Publ 77:277-285.
- *Ingebrigtsen K, Nafstad I. 1983. Distribution and elimination of 14C-hexachlorobenzene after single oral exposure in the male rat. Acta Pharmacol Toxicol 52:254-260.
- *Ingebrigtsen K, Skaare JU, Nafstad I, et al. 1981. Studies on the biliary excretion and metabolites of hexachlorobenzene in the rat. Xenobiotica 11:795-800.
- *Ingebrigtsen K, Skaare JU, Nafstad I, et al. 1986. Metabolism of hexachlorobenzene (HCB) in the isolated perfused rat liver. Gen Pharmacol 17:19-24.
- IRIS. 1989. Integrated Risk Information System. U.S. Environmental Protection Agency, Washington, DC. February 1989.

9. REFERENCES

- IRIS. 1994. Integrated Risk Information System, Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. May 1994.
- *IRIS. 1996. Integrated Risk Information System, Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. May 1996.
- *IRIS. 2000. Integrated Risk Information System, Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH. May 2000.
- *IRIS. 2001. Hexachlorobenzene. Integrated Risk Information System.
<http://www.epa.gov/iris/subst/0374.htm>. September 05, 2001.
- *IRIS. 2002. Hexachlorobenzene. Integrated Risk Information System.
<http://www.epa.gov/iris/subst/0374.htm>. March 12 , 2002.
- *IRPTC. 1985. Treatment and disposal methods for waste chemicals. Geneva, Switzerland: International Registry of Potentially Toxic Chemicals, United Nations Environmental Program, 102.
- IRPTC. 1989. IRPTC data profile: Hexachlorobenzene. Geneva, Switzerland: International Register of Potentially Toxic Chemicals, United Nations Environment Programme.
- *Isensee AR, Holden ER, Woolson EA, et al. 1976. Soil persistence and aquatic bioaccumulation potential of hexachlorobenzene (HCB). J Agric Food Chem 24:1210-1214.
- Ishidate M, Miura KF, Sofuni T. 1998. Chromosome aberration assays in genetic toxicology testing in vitro. Mutat Res 404:167-172.
- Ito N, Tsuda H, Hasegawa R, et al. 1983. Comparison of the promoting effects of various agents in induction of preneoplastic lesions in rat liver. Environ Health Perspect 50:131-138.
- Ivanov E, Krustev L, Adjarov D, et al. 1976. Studies on the mechanism of the changes in serum and liver gamma-glutamyl transpeptidase activity: II. Experimental hexachlorobenzene porphyria in rabbits. Enzyme 21 :8-20.
- Ivanov E, Savov G, Adjarov D. 1986. Changes in some intestinal enzyme activities in experimental hexachlorobenzene-induced porphyria and modifying effects of diet. IARC Sci Publ 77:611-618.
- *Jackson MA, Stack HF, Waters MD. 1993. The genetic toxicology of putative nongenotoxic carcinogens. Mut Res 296:241-277.
- Jacobson JL, Jacobson SW. 1996. Intellectual impairment in children exposed to polychlorinated biphenyls *in utero*. N Engl J Med 335(11):783-789.
- Jan J, Vrecl M, Pogacnik A, et al. 2001. Bioconcentration of lipophilic organochlorines in ovine detine. Arch Oral Biol 46:1111-1116.
- *Jansson B, Bergman A. 1978. Sulfur-containing derivatives of hexachlorobenzene (HCB) -metabolites in the rat. Chemosphere 7(3):257-268.
- *Jantunen M, Jaakkola JJK, Kryzanowski M, eds. 1997. Pesticides. In: Assessment of exposure to indoor air pollutants. World Health Organization Regional Publications. European Series 78:96-98.

9. REFERENCES

- *Jarman WM, Burns SA, Bacon CE, et al. 1996. High levels of HCB and DDE associated with reproductive failure in prairie falcons (*Falco mexicanus*) from California. Bull Environ Contam Toxicol 57:8-15.
- Jarrell J, Gocmen A. 2000. A review of human and sub-human primate toxicity of hexachlorobenzene. Pure Appl Chem 72(6):1015-1021.
- *Jarrell J, Gocmen A, Foster W, et al. 1998. Evaluation of reproductive outcomes in women inadvertently exposed to hexachlorobenzene in Southeastern Turkey in the 1950s. Reprod Toxicol 12(4):469-476.
- *Jarrell JF, McMahon A, Villeneuve D, et al. 1993. Hexachlorobenzene toxicity in the monkey primordial germ cell without induced porphyria. Reprod Toxicol 7:41-47.
- *Johanson CE. 1980. Permeability and vascularity of the developing brain: Cerebellum vs cerebral cortex. Brain Res 190:3-16.
- John PJ, Bakore N, Bhatnagar P. 2001. Assessment of organochlorine pesticide residue levels in dairy milk and buffalo milk from Jaipur City, Rajasthan, India. Environ Int 26:231-236.
- Juhler RK, Lauridsen MG, Christensen MR, et al. 1999. Pesticide Residues in Selected Food Commodities: Results from the Danish National Pesticide Monitoring Program 1995-1996. J AOAC Int 82(2):337-358.
- *Kan-DO Office and Pesticide Teams. 1995. Accumulated pesticide and industrial chemical findings from a ten-year study of ready to eat foods. J AOAC Int 78(3):614-630.
- Kannan K, Kawano M, Kashima Y, et al. 1999. Extractable organohalogens (EOX) in sediment and biota collected at an estuarine marsh near a former chloralkali facility. Environ Sci Technol 33:1004-1008.
- *Karlsson H, Muir DCG, Teixiera CF, et al. 2000. Persistent chlorinated pesticides in air, water, and precipitation from the Lake Malawi Area, Southern Africa. Environ Sci Technol 34(6):4490-4495.
- *Karlsson N, Fangmark I, Haggqvist I, et al. 1991. Mutagenicity testing of condensates of smoke from titanium dioxide/hexachloroethane and zinc/hexachloroethane pyrotechnic mixtures. Mutat Res 260:39-46.
- *Karwautz W, DeKoning EP, Kruse H, et al. 2001. Early childhood determinants of organochlorine concentrations in school-aged children. Pediatr Res 50(3):331-336.
- *Keczkessy K, Barker DJ. 1976. Malignant hepatoma associated with acquired hepatic cutaneous porphyria. Arch Dermatol 112:125-129.
- Keith LH, Garrison SW, Allen FR, et al. 1976. Identification of organic compounds in drinking water from 13 U.S. cities. In: Keith LH, ed. Identification and analysis of organic pollutants in water. Ann Arbor, MI: Ann Arbor Science Publishers, Inc., 329-373.
- *Kelly TJ, Czuczwa JM, Sticksel PR, et al. 1991. Atmospheric and tributary inputs of toxic substances to Lake Erie. J Great Lakes Res 17(4):504-516.

9. REFERENCES

Kenaga EE. 1980. Predicted bioconcentration factors and soil sorption coefficients of pesticides and other chemicals. *Ecotoxicol Environ Saf* 4:26-38.

*Kenaga EE, Goring GAI. 1978. Relationship between water solubility, soil sorption, octanol-water partitioning and concentration of chemicals in biota. *Aquatic Toxicology* 79:115.

*Kennedy SW, Wigfield DC. 1990. Dose-response relationships in hexachlorobenzene-induced porphyria. *Biochem Pharmacol* 40:1381-1388.

Khanna RN, Smith AG. 1986. Distribution, excretion and *in-vivo* metabolism of ¹⁴C-hexachlorobenzene and the influence of iron overload in C57BL/10 mice. *IARC Sci Publ* 77:319-321.

*Khera KS. 1974a. Teratogenicity and dominant lethal studies on hexachlorobenzene in rats. *Food Cosmet Toxicol* 12:471-477.

Khera KS. 1974b. Hexachlorobenzene: Teratogenicity and dominant lethal studies in rats *Toxicol Appl Pharmacol* 29:109. (Abstract)

Kim JJ, Lim HW. 1999. Hexachlorobenzene and porphyria *cutanea tarda*. *Arch Dermatol* 135:459-460.

*Kimbrough RD, Linder RE. 1974. The toxicity of technical hexachlorobenzene in the Sherman strain rat: A preliminary study. *Res Comm Chem Pathol Pharmacol* 8:653-664.

*Kimbrough RD, Linder RE. 1978. The effect of technical and purified pentachlorophenol on the rat liver. *Toxicol Appl Pharmacol* 46:151-162.

*Kishima MO, Barbisan LF, Estevao D, et al. 2000. Promotion of heptocarcinogenesis by hexachlorobenzene in energy-restricted rats. *Cancer Lett* 152:37-44.

*Kitchin KT, Brown JL. 1989. Biochemical studies of promoters of carcinogenesis in rat liver. *Teratogen, Carcinogen Mutagen* 9:273-285.

*Kitchin KT, Linder RE, Scotti TM, et al. 1982. Offspring mortality and maternal lung pathology in female rats fed hexachlorobenzene. *Toxicology* 23:33-39.

*Klaassen CD, Amdur MO, Doull J, eds. 1995. Casarett and Doull's Toxicology: The Basic Science of Poisons. In: Casarett and Doull's Toxicology 5th Edition, 139-163.

Klaassen CD, Amdur MO, Doull J, eds. 1996. Casarett and Doull's Toxicology: The Basic Science of Poisons. In: Casarett and Doull's Toxicology 5th Edition. McGraw-Hill. 649-655.

*Kleiman de Pisarev DL, Rios de Molina MC, San Martin de Viale LC. 1990. Thyroid function and thyroxine metabolism in hexachlorobenzene-induced porphyria. *Biochem Pharmacol* 39:817-825.

*Kleiman de Pisarev DL, Sancovich HA, Ferramola de Sancovich AM. 1989. Enhanced thyroxine metabolism in hexachlorobenzene-intoxicated rats. *J Endocrinol Invest* 12:767-772.

*Kleiman de Pisarev DL, Sancovich HA, Ferramola de Sancovich AM. 1995. Hepatic indices of thyroid status in rats treated with hexachlorobenzene. *J Endocrinol Invest* 18:271-276.

9. REFERENCES

- *Knauf V, Hobson W. 1979. Hexachlorobenzene ingestion by female rhesus monkeys: Tissue distribution and clinical symptomatology. *Bull Environ Contam Toxicol* 21:243-248.
- Kociba RJ. 1986. Evaluation of global literature for definition of dose-response relationship for hexachlorobenzene toxicity. *IARC Sci Publ* 77:371-378.
- *Koizumi A. 1991. Experimental evidence for the possible exposure of workers to hexachlorobenzene by skin contamination. *Br J Ind Med* 48:622-628.
- *Komori M, Nishio K, Kitada M, et al. 1990. Fetus-specific expression of a form of cytochrome P-450 in human livers. *Biochemistry* 29:4430-4433.
- Korrick SA, Altshul LM, Tolbert PE, et al. 2000. Measurement of PCBs, DDE, and hexachlorobenzene in cord blood from infants born in town adjacent to a PCB-contaminated waste site. *J Expo Anal Environ Epidemiol* 10:743-754.
- *Kosatsky T, Przybysz R, Shatenstein B, et al. 1999. Fish consumption and contaminant exposure among Montreal-area sportfishers: Pilot study. *Environ Res* A80:S150-S158.
- *Koss G, Koransky W. 1975. Studies on the toxicology of hexachlorobenzene: I. Pharmacokinetics. *Arch Toxicol* 34:203-212.
- *Koss G, Koransky W, Steinbach K. 1976. Studies on the toxicology of hexachlorobenzene: II. Identification and determination of metabolites. *Arch Toxicol* 35:107-114.
- *Koss G, Koransky W, Steinbach K. 1979. Studies of the toxicology of hexachlorobenzene: IV. Sulfur-containing metabolites. *Arch Toxicol* 42:19-31.
- *Koss G, Reuter A, Koransky W. 1986. Excretion of metabolites of hexachlorobenzene in the rat and in man. *IARC Sci Publ* 77:261-266.
- *Koss G, Seubert S, Seubert A, et al. 1978. Studies on the toxicology of hexachlorobenzene: III. Observations in a long-term experiment. *Arch Toxicol* 40:285-294.
- *Koss G, Seubert S, Seubert A, et al. 1983. Studies on the toxicology of hexachlorobenzene: V. Different phases of porphyria during and after treatment. *Arch Toxicol* 52:13-22.
- *Kraaij H, Connell DW. 1997. Bioconcentration and uptake kinetics of chlorobenzenes in soy-bean roots. *Chemosphere* 34(12):2607-2620.
- Krauthacker, Reiner E, Votova-Raic A, et al. 1998. Organochlorine pesticides and PCBs in human milk collected from mothers nursing hospitalized children. *Chemosphere* 37(1):27-32.
- *Krishnan K, Andersen ME. 1994. Physiologically based pharmacokinetic modeling in toxicology. In: Hayes AW, ed. *Principles and methods of toxicology*. 3rd ed. New York, NY: Raven Press, Ltd., 149-188.
- *Krishnan K, Andersen ME, Clewell HJ III, et al. 1994. Physiologically based pharmacokinetic modeling of chemical mixtures. In: Yang RSH, ed. *Toxicology of chemical mixtures: Case studies, mechanisms, and novel approaches*. San Diego, CA: Academic Press, 399-437.

9. REFERENCES

- *Krishnan K, Brodeur J, Charbonneau M. 1991. Development of an experimental model for the study of hexachlorobenzene-induced hepatic porphyria in the rat. *Fund Appl Toxicol* 17:433-441.
- *Krishnan K, Brodeur J, Plaa GL, et al. 1992. Modulation of hexachlorobenzene-induced hepatic porphyria by methyl isobutyl ketone in the rat. *Toxicol Lett* 61:167-174.
- *KS Dept Health Environ. 1999. Kansas administrative regulations. Kansas Department of Health and Environment. <http://www.kdhe.state.ks.us>.
- Kuchen A, Muller F, Farine M, et al. 1999. Pesticides and other chemical residues in Swiss total diet samples. *Mitt Geb Lebensmittelunters Hyg* 90:78-107.
- *Kucklick JR, Baker JE. 1998. Organochlorines in Lake Superior's food web. *Environ Sci Technol* 32:1192-1198.
- Kuiper-Goodman T, Grant DL. 1986. Subchronic toxicity of hexachlorobenzene in the rat: Clinical, biochemical, morphological and morphometric findings. *IARC Sci Publ* 77:343-346.
- *Kuiper-Goodman T, Grant DL, Moodie CA, et al. 1977. Subacute toxicity of hexachlorobenzene in the rat. *Toxicol Appl Pharmacol* 40:529-549.
- *Kutz FW, Wood PH, Bottimore DP. 1991. Organochlorine pesticides and polychlorinated biphenyls in human adipose tissue. *Rev Environ Contam Toxicol* 120:1-82.
- *Kwok ESC, Atkinson R. 1995. Estimation of hydroxyl radical reaction rate constants for gas-phase organic compounds using a structure-reactivity relationship: An update. *Atmos Environ* 29:1685-1695.
- Lackmann G. 2001. Prenatal, transplacental uptake of polychlorinated biphenyls and hexachlorobenzene in humans. 1. Background and scientific status quo. *Umweltmed Forsch Prax* 6(2):87-96.
- *Lackmann GM, Angerer J, Salzberger U, et al. 1999. Influence of maternal age and duration of pregnancy on serum concentrations of polychlorinated biphenyls and hexachlorobenzene in full-term neonates. *Biol Neonate* 76:214-219.
- *Lackmann GM, Angerer J, Tollner U. 2000. Parental smoking and neonatal serum levels of polychlorinated biphenyls and hexachlorobenzene. *Pediatr Res* 47(5):598-601.
- *Lackmann GM, Goen T, Tollner U, et al. 1996. PCBs and HCB in serum full-term German neonates. *Lancet* 348:1035.
- Lagueux J, Pereg D, Ayotte P, et al. 1999. Cytochrome P450 CYP1A1 enzyme activity and DNA adducts in placenta of women environmentally exposed to organochlorines. *Environ Res* A80:369-382.
- *Lahaniatis ES, Bergheim W, Kettrup A. 1992. Thermal degradation of polychlorinated bornanes. In: Proceeding International Symposium on Ecological Approaches of Environmental Chemicals. Institu fur Okologische Chemie ed. Debrecen, Hungary, 262-267.
- Lake CA, Lake JL, Haebler R, et al. 1995. Contaminant levels in harbor seals from the Northeastern United States. *Arch Environ Contam Toxicol* 29:128-134.

9. REFERENCES

*Lamb CW, Miller FM, Dellinger RA, et al. 1994. Detailed determination of organic emissions from a preheater cement kiln co-fired with liquid hazardous wastes. *Hazard Waste Matter* 11(1):201-216.

Lambrecht RW, Darcey BA, Erturk E, et al. 1981. Tissue levels and rate of hexachlorobenzene (HCB) disappearance in fat and liver of rats, mice, and hamsters after oral administration. 72nd annual meeting of the American Association for Cancer Research, Inc. Washington DC. *Proc Am Assoc Cancer Res Am Soc Clin Oncol* 22:137.

Lambrecht RW, Erturk E, Grunden EE, et al. 1982a. Hepatotoxicity and tumorigenicity of hexachlorobenzene (HCB) in Syrian golden hamsters (H) after subchronic administration Fed Proc 41:329. (abstract)

Lambrecht RW, Erturk E, Grunden EE, et al. 1982b. Renal toxicity and tumorigenicity of hexachlorobenzene (HCB) in rats (R). *AACR Abstracts* 23:54. (Abstract)

*Lambrecht RW, Erturk E, Grunden EE, et al. 1983a. Hepatocarcinogenicity of chronically administered hexachlorobenzene in rats. *Fed Proc* 42:786. (Abstract)

Lambrecht RW, Erturk E, Grunden EE, et al. 1983b. Renal tumors in rats (R) chronically exposed to hexachlorobenzene (HCB). *AACR Abstracts* 24:59. (Abstract)

Lambrecht RW, Erturk E, Peters HA, et al. 1986. Effects of ethylenediaminetetraacetic acid on hexachlorobenzene-induced changes in rats. *IARC Sci Publ* 77:505-506.

*Lane DA, Johnson ND, Hanelly MJ, et al. 1992. Gas-and particle-phase concentrations of alpha-hexachlorocyclohexane, gamma-hexachlorocyclohexane, and hexachlorobenzene in Ontario air. *Environ Sci Technol* 26(1):126-133.

*Langhorst ML, Nestrick TJ. 1979. Determination of chlorobenzenes in air and biological samples by gas chromatography with photoionization detection. *Anal Chem* 51:2018-2025.

*Langlois C, Langis R. 1995. Presence of airborne contaminants in the wildlife of Northern Quebec. *Sci Total Environ* (160-161), 391-402.

*Larsen BR, Turrio-Baldassarri L, Nilsson T, et al. 1994. Toxic PCB congeners and organochlorine pesticides in Italian human milk. *Ecotoxicol Environ Saf* 28:1-13.

*Laseter JL, Bartell CK, Laska AL, et al. 1976. An ecological study of hexachlorobenzene (HCB). *Gov Rep Announce Index* 76:66.

*Laska AL, Barell CK, Laseter JL. 1976. Distribution of hexachlorobenzene and hexachlorobutadiene in water, soil, and selected aquatic organisms along the lower Mississippi River, Louisiana. *Bull Environ Contam Toxicol* 15:535-542.

Lavy TL, Mattice JD, Massey JH, et al. 1993. Measurements of year-long exposure to tree nursery workers using multiple pesticides. *Arch Environ Contam Toxicol* 24:123-144.

*Lecavalier PR, Chu I, Villeneuve D, et al. 1994. Combined effects of mercury and hexachlorobenzene in the rat. *J Environ Sci Health* B29(5):951-961.

9. REFERENCES

- *Lee CL, Song HJ, Fang MD. 2000a. Concentrations of chlorobenzenes, hexachlorobutadiene and heavy metals in surficial sediments of Kaohsiung coast, Taiwan. *Chemosphere* 41:889-899.
- *Lee RGM, Burnett V, Harner T, et al. 2000b. Short-term temperature-dependent air-surface exchange and atmospheric concentrations of polychlorinated naphthalenes and organochlorine pesticides. *Environ Sci Technol* 34:393-398.
- *Leeder JS, Kearns GL. 1997. Pharmacogenetics in pediatrics: Implications for practice. *Pediatr Clin North Am* 44(1):55-77.
- *Legault N, Sabik H, Cooper SF, et al. 1997. Effect of estradiol on the induction of porphyria by hexachlorobenzene in the rat. *Biochem Pharmacol* 54:19-25.
- *Leger DA. 1992. Environmental concentrations of hexachlorobenzene in Atlantic Canada. Moncton, New Brunswick: Environment Canada, Conservation and Protection, Inland Waters Directorate, Water Quality Branch. IWD-AR-WQB-91-170.
- *Leoni V, Fabiani L, Marinelli G, et al. 1986. Spontaneous abortion in relation to the presence of hexachlorobenzene in the Italian environment. *IARC Sci Publ* 77:143-146.
- *Leoni V, Fabiani L, Marinelli G, et al. 1989. PCB and other organochlorine compounds in blood of women with or without miscarriage: a hypothesis of correlation. *Ecotoxicol Environ Saf* 17(1):1-11.
- *Leung H-W. 1993. Physiologically-based pharmacokinetic modeling. In: Ballentine B, Marro T, Turner P, eds. General and applied toxicology. Vol. 1. New York, NY: Stockton Press, 153-164.
- *Li SM, Deuomme MA, Leece B, et al. 1989. Hexachlorobenzene: Biochemical effects and synergistic toxic interactions with 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. *Toxicol Environ Chem* 22:215-227.
- Lide DR. 1994. CRC Handbook of Chemistry and Physics. 74th edition, Boca Raton, FL: CRC Press.
- *Lide DR. 1998. CRC Handbook of Chemistry and Physics. 79th edition, Boca Raton, FL: CRC Press, 3-49.
- *Lilienthal H, Benthe C, Heinzel B, et al. 1996. Impairment of schedule-controlled behavior by pre- and postnatal exposure to hexachlorobenzene in rats. *Arch Toxicol* 70:174-181.
- *Liljegren G, Hardell L, Lindstrom G, et al. 1998. Case-control study on breast cancer and adipose tissue concentrations of congener specific polychlorinated biphenyls, DDE and hexachlorobenzene. *Eur J Cancer Prev* 7:135-140.
- *Lim HW. 1989. Mechanisms of phototoxicity in porphyria cutanea tarda and erythropoietic protoporphyrinia. *Immunol Ser* 46:671-685.
- *Lim HW, Cohen JL. 1999. The cutaneous porphyrias. *Semin Cutan Med Surg* 18 (4) :285-292.
- *Linder RE, Edgerton TR, Svendsgaard DJ, et al. 1983. Long-term accumulation of hexachlorobenzene in adipose tissue of parent and filial rats. *Toxicol Lett* 15:237-243.
- *Lindqvist R, Enfield CG. 1992. Biosorption of dichloro-diphenyltrichlorethane and hexachlorobenzene in groundwater and its implications for facilitated transport. *Appl Environ Microbiol* 58(7):2211-2218.

9. REFERENCES

- *Linet MS, Gridley G, Nyren O, et al. 1999. Primary liver cancer, other malignancies, and mortality risks following porphyria: a cohort study in Denmark and Sweden. *Am J Epidemiol* 149 (11):1010-1015.
- *Linko P, Yeowell HN, Gasiewicz TA, et al. 1986. Induction of cytochrome P-450 isozymes by hexachlorobenzene in rats and aromatic hydrocarbon (Ah)-responsive mice. *J Biochem Toxicol* 1:95-107.
- Lino CM, Guarda LMC, Silveira MIN. 1999. Determination of organochlorine pesticide residues in medicinal plants sold in Coimbra, Portugal. *J AOAC Int* 82(5):1206-1213.
- *Lissner R, Goerz G, Eichenauer MG, et al. 1975. Hexachlorobenzene-induced porphyria in rats--relationship between porphyrin excretion and induction of drug metabolizing liver enzymes. *Biochem Pharmacol* 24:1729-1731.
- *Livingston, AL. 1978. Forage plant estrogens. *J Toxicol Environ Health* 4:301-324.
- Loaiza-Perez AI, Seisdedos-T, Kleiman de Pisarev DL, et al. 1999. Hexachlorobenzene, a dioxin-type compound, increases malic enzyme gene transcription through a mechanism involving the thyroid hormone response element. *Endocrinology* 140(9):4142-4151.
- Lommel A, Kruse H, Mueller E, et al. 1992. Organochlorine pesticides, octachlorostyrene, and mercury in the blood of Elb [sic] River residents, Germany. *Arch Environ Contam Toxicol* 22:14-20.
- *Loose LD, Pittman KA, Benitz KF, et al. 1977. Polychlorinated biphenyl and hexachlorobenzene induced humoral immunosuppression. *J Reticuloendothel Soc* 22(3):253-267.
- *Loose LD, Silkworth JB, Charbonneau T, et al. 1981. Environmental chemical-induced macrophage dysfunction. *Environ Health Perspect* 39:79-91.
- *Loose LD, Silkworth JB, Pittman KA, et al. 1978. Impaired host resistance to endotoxin and malaria in polychlorinated biphenyl- and hexachlorobenzene-treated mice. *Infect Immun* 20:30-35.
- Lopes TJ, Furlong ET. 2001. Occurrence and potential adverse effects of semivolatile organic compounds in streambed sediment, United States, 1992-1995. *Environ Toxicol Chem* 20(4):727-737.
- *Lordo RA, Dinh KT, Schwemberger JG. 1996. Semivolatile organic compounds in adipose tissue: estimated averages for the US population and selected subpopulations. *Am J Public Health* 86:1253-1259.
- Lovelady CA, Whitehead RA, Mabury S. 1997. Environmental contaminants in breast milk of lactating hispanic women. *FASEB J* 11(3):A240.
- *Lovell RA, McChesney DG, Price WD. 1996. Organohalogen and organophosphorous pesticides in mixed feed rations: Findings from FDA's domestic surveillance during fiscal years 1989-1994. *J AOAC Int* 79(2):544-548.
- *Lui H, Sweeney GD. 1975. Hepatic metabolism of hexachlorobenzene in rats. *Febs Letters* 51(1):137-138.

9. REFERENCES

- *Lui H, Sampson R, Sweeney GD. 1976. Session X. Experimental chronic hepatic porphyria. Hexachlorobenzene porphyria: Purity and metabolic fate of hexachlorobenzene. In: Karger and Basel eds. *Porphyrins in Human Diseases*, 1st International Porphyrin Meeting Freiburg/Br 1975.
- *Lunden A, Noren K. 1998. Polychlorinated naphthalenes and other organochlorine contaminants in Swedish human milk, 1972-1992. *Arch Environ Contam Toxicol* 34(4):414-423.
- Lunden EB, Lindskog A, Mowrer J. 1994. Concentrations and fluxes of organic compounds in the atmosphere of the Swedish West Coast. *Atmos Environ* 28(22):3605-3615.
- Luo J, Lim CK. 1995. Isolation and characterization of new porphyrin metabolites in human porphyria cutanea tarda and in rats treated with hexachlorobenzene by HPTLC, HPLC and Liquid secondary ion mass spectrometry. *Biomed Chromatogr* 9(3):113-122.
- Lutter C, Iyengar V, Barnes R, et al. 1998. Breast milk contamination in Kazakhstan: Implications for infant feeding. *Chemosphere* 37(9):1761-1772.
- Machala M, Vondracek J, Ulrich R, et al. 1999. Evidence for estrogenic and TCDD-like activities in extracts of blood and semen of men. *Organohalogen Compounds* 42:83-86.
- *MacPhee IJ, Singh A, Wright GM, et al. 1993. Ultrastructure of granulosa lutein cells from rats fed hexachlorobenzene. *Histol Histopath* 8:35-40.
- *Manes J, Font G, Pico Y. 1993. Evaluation of a solid-phase extraction system for determining pesticide residues in milk. *J Chromatogr* 642:195-204.
- *Mann JB, Enos HF, Gonzalez J, et al. 1974. Development of sampling and analytical procedure for determining hexachlorobenzene and hexachloro-1,3-butadiene in air. *Environ Sci Technol* 8:584-585.
- Mansour M, Scheunert I, Viswanathan R, et al. 1986. Assessment of the persistence of hexachlorobenzene in the ecosphere. *IARC Sci Publ* 77:53-59.
- Marlow DA. 1986. Hexachlorobenzene exposure in the production of chlorophenols. In: Morris CR, Cabral JRP, ed. *Hexachlorobenzene: Proceedings of an International Symposium*. Lyon, France: IARC Scientific Publications, 161-170.
- *Martens D, Balta-Brouma K, Brotsack R, et al. 1998. Chemical impact of uncontrolled solid waste combustion to the vicinity of the Kouroupitos Ravine, Crete, Greece. *Chemosphere* 36(14):2855-2866.
- *Masini A, Trenti T, Ceccarelli, D, et al. 1988. The effect of iron overload on the mitochondrial porphyrin level in the hexachlorobenzene induced experimental porphyria. *Biochem Biophys Res Comm* 151:320-326.
- *Masunaga S, Susarla S, Yonezawa Y. 1996. Dechlorination of chlorobenzenes in anaerobic estuarine sediment. *Water Sci Technol* 33(6):173-180.
- Matheus DR, Bononi VLR, Machado KMG. 2000. Biodegradation of hexachlorobenzene by basidiomycetes in soil contaminated with industrial residues. *World J Microbiol Biotech* 16:415-421.

9. REFERENCES

- Matthews HB. 1986. Factors determining hexachlorobenzene distribution and persistence in higher animals. In: Morris CR, Cabral JRP, ed. Hexachlorobenzene: Proceedings of an International Symposium. Lyon, France: IARC Scientific Publications, 253-260.
- *Mattison DR, Wohlleb J, To T, et al. 1992. Pesticide concentrations in Arkansas breast milk. *Med Soc* 88(11):553-557.
- *Mayr U, Butsch A, Schneider S. 1992. Validation of two *in vitro* test systems for estrogenic activities with zearalenone, phytoestrogens and cereal extracts. *Toxicology* 74:135-149.
- Mazhitova Z, Jensen S, Ritzen M, et al. 1998. Chlorinated contaminants, growth and thyroid function in schoolchildren from the Aral Sea region in Kazakhstan. *Acta Paediatr* 87:991-995.
- Meharg AA, Wright J, Osborn D. 2000. Chlorobenzenes in rivers draining industrial catchments. *Sci Total Environ* 251/252:243-253.
- *Mehendale HM, Fields M, Matthews HB. 1975. Metabolism and effects of hexachlorobenzene on hepatic microsomal enzymes in the rat. *J Agr Food Chem* 23:261-265.
- *Mehmood Z, Williamson MP, Kelly DE, et al. 1996. Metabolism of organochlorine pesticides: The role of human cytochrome P450 3A4. *Chemosphere* 33(4):759-769.
- Mendola P, Buck GM, Sever LE, et al. 1997. Consumption of PCB-contaminated freshwater fish and shortened menstrual cycle length. *Am J Epidemiol* 146(11):955-960.
- *Mendonca GAS, Eluf-Neto J, Andrada-Serpa MJ, et al. 1999. Organochlorines and breast cancer: A case-control study in Brazil. *Int J Cancer* 83:596-600.
- *Mendoza CE, Shields JB. 1976. Effects of hexachlorobenzene on malathion LD50 and on cholinesterase and carboxylesterase activities in organs of the suckling albino rat. *Toxicol and Appl Pharmacol* 35:447-453.
- Mendoza CE, Collins B, Shields JB, et al. 1977. Hexachlorobenzene residues and effects on esterase activities in pre-weanling rats after a reciprocal transfer between hexachlorobenzene-treated and control dams. *Arch Toxicol* 38:191-199.
- Mendoza CE, Collins BT, Shields JB, et al. 1978. Effects of hexachlorobenzene or hexabromobenzene on body and organ weights of preweanling rats after a reciprocal transfer between the treated and control dams. *J Agric Food Chem* 26:941-945.
- Menzie CM. 1986. Hexachlorobenzene: uses and occurrence. In: Morris CR, Cabral JRP, ed. Hexachlorobenzene: Proceedings of an International Symposium. Lyon, France: IARC Scientific Publications, 13-22.
- *Meola T, Lim HW. 1993. The porphyrias. *Dermatol Clin* 3(11):583-596.
- Merck Index. 1989. Merck index: An encyclopedia of chemicals, drugs, and biologicals. 11th ed. Budavari S, ed. Rahway NJ: Merck & Co., Inc.
- *Mes J. 1992. Organochlorine residues in human blood and biopsy fat and their relationship. *Bull Environ Contam Toxicol* 48:815-820.

9. REFERENCES

- *Mes J, Davies DJ, Doucet J, et al. 1993. Levels of chlorinated hydrocarbon residues in Canadian human breast milk and their relationship to some characteristics of the donors. *Food Addit Contam* 10(4):429-441.
- *Mes J, Davies DJ, Turton D. 1982. Polychlorinated biphenyl and other chlorinated hydrocarbon residues in adipose tissue of Canadians. *Bull Environ Contam Toxicol* 28:97-104.
- Mes J, Davies DJ, Turton D, et al. 1986. Levels and trends of chlorinated hydrocarbon contaminants in the breast milk of Canadian women. *Food Add Contam* 3:313-322.
- Mes J, Doyle JA, Adams BR, et al. 1984. Polychlorinated biphenyls and organochlorine pesticides in milk and blood of Canadian women during lactation. *Arch Environ Contam Toxicol* 13:217-223.
- Michael LC, Pellizari ED, Wiseman RW. 1988. Development and evaluation of a procedure for determining volatile organics in water. *Environ Sci Technol* 22:565-570.
- *Michielsen CPPC, Bloksma N, Ultee A, et al. 1997. Hexachlorobenzene-induced immunomodulation and skin and lung lesions: A comparison between Brown Norway, Lewis, and Wistar rats. *Toxicol Appl Pharmacol* 144:12-26.
- *Michielsen C, Boeren S, Rietjens I, et al. 2000. The mercapturic acid biotransformation pathway of hexachlorobenzene is not involved in the induction of splenomegaly, of skin and lung lesions in the Brown Norway rat. *Arch Toxicol* 74:609-617.
- *Michielsen CPPC, Leusink-Muis A, Vos JG, et al. 2001. Hexachlorobenzene-induced eosinophilic and granulomatous lung inflammation is associated with in vivo airways hyperresponsiveness in the brown Norway rat. *Toxicol Appl Pharmacol* 172:11-20.
- *Michielsen C, van Loveren H, Vos JG. 1999. The role of the immune system in hexachlorobenzene-induced toxicity. *Environ Health Perspect Suppl* 107(5):783-792.
- *Mill T, Haag W. 1986. The environmental fate of hexachlorobenzene. *IARC Sci Pub* 77:61-66
- *Miskiewicz AG, Gibbs PJ. 1994. Organochlorine pesticides and hexachlorobenzene in tissues of fish and invertebrates caught near a sewage outfall. *Environ Pollut* 84:269-277.
- *Miura T, Torinuki W. 1977. Thin layer chromatography and fluorescent scanning analysis of porphyrins. *Tohoku J Exp Med* 121:37-61.
- *Miyagawa M, Takasawa H, Sugiyama A, et al. 1995. The *in vivo-in vitro* replicative DNA synthesis (RDS) test with hepatocytes prepared from male B6C3F1 mice as an early prediction assay for putative nongenotoxic (Ames-negative) mouse hepatocarcinogens. *Mutat Res* 343(2-3):157-183.
- Mizell M, Hartley W, Thiagarajah A, et al. 1995. Fish as indicators of the carcinogenic potential of chemical contaminants in a Mississippi River basin swamp utilizing medaka and zebrafish embryo (abstract). *Proc Annu Meet Am Assoc Cancer Res* 36:A698.
- *Mollenhauer HH, Johnson JH, Younger RL, et al. 1975. Ultrastructural changes in liver of the rat fed hexachlorobenzene. *Am J Vet Res* 36:1777-1781.

9. REFERENCES

- *Monheit BM, Luke BG. 1990. Pesticides in breast milk- A public health perspective. *Commun Health Stud* 14(3):269-273.
- Monosmith CL, Hermanson MH. 1996. Spatial and temporal trends of atmospheric organochlorine vapors in the central and upper Great Lakes. *Environ Sci Technol* 30:3464-3472.
- Moody RP, Chu I. 1995. Dermal exposure to environmental contaminants in the Great Lakes. *Environ Health Perspect Suppl* 103(Suppl. 9):103-114.
- Moore DRJ, Breton RL, Lloyd K. 1997. The effects of hexachlorobenzene on mink in the Canadian environment: An ecological risk assessment. *Environ Toxicol Chem* 16(5):1042-1050.
- Mora MA. 1995. Residues and trends of organochlorine pesticide and polychlorinated biphenyls in birds from Texas, 1965-88. *Fish Wildl Res* 14:1-26.
- Mora MA. 1996. Organochlorines and trace elements in four colonial waterbird species nesting in the lower Laguna Madre, Texas. *Arch Environ Contam Toxicol* 31:533-537.
- Mora MA, Miller JM. 1998. Foraging flights, reproductive success and organochlorine contaminants in cattle egrets nesting in a residential area of Bryan, Texas. *Texas J Sci* 50(3):205-214.
- Mora MA, Lee MC, Jenny JP, et al. 1997. Potential effects of environmental contaminants on recovery of the Aplomado falcon in south Texas. *J Wildl Manage* 61(4):1288-1296.
- *Morley A, Geary D, Harben F. 1973. Hexachlorobenzene pesticides and porphyria. *Med J Aust* 1:565.
- Morris CR, Cabral JR. 1986. Executive summary. Industrial chemistry and indirect exposure assessment. *IARC Sci Publ* 77:13-18.
- Morrison H, Yankovich T, Lazar R, et al. 1995. Elimination rate constants of 36 PCBs in zebra mussels (*Dreissena polymorpha*) and exposure dynamics in the Lake St. Clair - Lake Erie corridor. *Can J Fish Aquat Sci* 52:2574-2582.
- *Morselli PL, Franco-Morselli R, Bossi L. 1980. Clinical pharmacokinetics in newborns and infants: Age-related differences and therapeutic implications. *Clin Pharmacokin* 5:485-527.
- *Moser GA, McLachlan MS. 2001. The influence of dietary concentration on the absorption and excretion of persistent lipophilic organic pollutants in the human intestinal tract. *Chemosphere* 45:201-211.
- *Moysich KB, Ambrosone CB, Vena JE. 1998. Environmental organochlorine exposure and postmenopausal breast cancer risk. *Cancer Epidemiol Biomark Prev* 7:181-188.
- Muir DCG, Ford CA, Rosenberg B, et al. 1996. Persistent organochlorines in beluga whales (*Delphinapterus leucas*) from the St Lawrence River Estuary-I. Concentrations and patterns of specific PCBs, chlorinated pesticides and polychlorinated dibenzo-p-dioxins and dibenzofurans. *Environ Pollut* 93(2):219-234.
- Muir DCG, Grift NP, Lockhart WL, et al. 1995. Spatial trends and historical profiles of organochlorine pesticides in Arctic lake sediments. *Sci Total Environ* 160/161:447-457.

9. REFERENCES

- *Muir DCG, Segstro MD, Welbourn PM, et al. 1993. Patterns of accumulation of airborne organochlorine contaminants in lichens from the upper Great Lakes region of Ontario. Environ Sci Technol 27(6):1201-1210.
- *Muller WF, Hobson W, Fuller GB, et al. 1978. Endocrine effects of chlorinated hydrocarbons in rhesus monkeys. Ecotoxicol Environ Saf 2:161-172.
- *Munch DJ, Maxey RA, Engel TM. 1990. Methods development and implementation for the National Pesticide Survey. Environ Sci Technol 24(10):1446-1451.
- Munn MD, Gruber SJ. 1997. The relationship between land use and organochlorine compounds in streambed sediment and fish in the Central Columbia Plateau, Washington and Idaho, USA. Environ Toxicol Chem 16(9):1877-1887.
- *Murphy R, Harvey C. 1993. Residues and metabolites of selected persistent halogenated hydrocarbons in blood specimens from a general population survey. Environ Health Perspect 60:113-120.
- *Murray HE, Neff GS, Hrung Y, et al. 1980. Determination of benzo(a)pyrene, hexachlorobenzene and pentachlorophenol in oysters from Galveston Bay, Texas. Bull Environ Contam Toxicol 25:663-667.
- *Murray HE, Ray LE, Giam CS. 1981. Analysis of marine sediment, water and biota for selected organic pollutants. Chemosphere 10:1327-1334.
- Mussalo-Rauhamaa H. 1991. Partitioning and levels of neutral organochlorine compounds in human serum, blood cells, and adipose and liver tissue. Sci Total Environ 103(2-3):159-175.
- *Mussalo-Rauhamaa H, Hasanen E, Pyysalo H, et al. 1990. Occurrence of beta-hexachlorocyclohexane in breast cancer patients. Cancer 66(10):2124-2128.
- Mylchreest E, Charbonneau M. 1994. Ultrasound-induced epileptic form activity in rats treated with hexachlorobenzene. NeuroToxicology 15(2):149-155.
- *Mylchreest E, Charbonneau M. 1997. Studies on the mechanism of uroporphyrinogen decarboxylase inhibition in hexachlorobenzene-induced porphyria in the female rat. Toxicol Appl Pharmacol 145:23-33.
- *Nakashima Y, Ikegami S. 2000. Hexachlorobenzene and Pentachlorobenzene accumulated during pregnancy is transferred to pups at the accumulation ratio in dams. Journal of Health Science 46(2):89-97.
- *Nakashima Y, Ohsawa S, Ikegami S. 1999. High-fat diet enhances accumulation of hexachlorobenzene in rat dams and delays its transfer from rat dams to suckling pups through milk. J Agric Food Chem 47:1587-1592.
- *Nakashima Y, Ohsawa S, Umegaki K, et al. 1997. Hexachlorobenzene accumulated by dams during pregnancy is transferred to suckling rats during early lactation. J Nutr 127:648-654.
- Nakashima Y, Ohsawa S, Umegaki K, et al. 1998. Masking of guar gum-induced acceleration of hexachlorobenzene excretion by its rapid excretion through lactation in adult female rats. J Agric Food Chem 46(6):2241-2247.

9. REFERENCES

- *Nakata H, Kannan K, Jing L, et al. 1998. Accumulation pattern of organochlorine pesticides and polychlorinated biphenyls in southern sea otters (*Enhydra lutris nereis*) found stranded along coastal California, USA. Environ Pollut 103:45-53.
- *Nam KS, King JW. 1994. Coupled SFE/SFC/GC for the trace analysis of pesticide residues in fatty food samples. Journal of High Resolution Chromatography 17:577-582.
- NAS/NRC. 1980. Drinking water and health: Volume 3. Washington, DC: National Academy of Sciences, National Research Council. National Academy Press.
- *NAS/NRC. 1989. Report of the oversight committee. In: Biologic markers in reproductive toxicology. Washington, DC: National Academy of Sciences, National Research Council, National Academy Press.
- *Nash RG, Gish TJ. 1989. Halogenated pesticide volatilization and dissipation from soil under controlled conditions. Chemosphere 18(11/12):2353-2362.
- Nasir K, Bilti YY, Al-Shuraiki Y. 1998. Residues of chlorinated hydrocarbon insecticides in human milk of Jordanian women. Environ Pollut 99:141-148.
- NATICH. 1992. National Air Toxics Information ClearingHouse (NATICH) data base report of federal, state, and local air toxics activities. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. EPA-453\R-92-008.
- Nerin C, Martinez M, Pons B, et al. 1996. Gas-chromatographic determination of chlorobenzenes and HCH's in an urban atmosphere. Fresenius J Anal Chem 354:61-65.
- *Newsome WH, Andrews P. 1993. Organochlorine pesticides and polychlorinated biphenyl congener in commercial fish from the Great Lakes. J AOAC Int 76(4):707-710.
- *Newsome WH, Ryan JJ. 1999. Toxaphene and other chlorinated compounds in human milk from northern and southern Canada: A comparison. Chemosphere 39(3):519-526.
- *Newsome WH, Davies D, Doucet J. 1995. PCB and organochlorine pesticides in Canadian human milk-1992. Chemosphere 30(11):2143-2153.
- Newsome WH, Davies DJ, Sun WF. 1998. Residues of polychlorinated biphenyls (PCB) in fatty foods of the Canadian diet. Food Addit Contam 15(1):19-29.
- *Newsome WH, Doucet J, Davies D, et al. 2000. Pesticide residues in the Canadian market basket survey-1992 to 1996. Food Addit Contam 17(10):847-854.
- *NFPA. 1986. National Fire Protection Handbook. 7th edition. National Fire Protection Association Quincy, Massachusetts.
- NFPA. 1994. Hexachlorobenzene. National Fire Protection Association. One Batterymarch Park, Quincy MA.
- *Nikolaev V, Naydenova E, Kerimova M, et al. 1986. Rat liver plasma membrane damage in hexachlorobenzene intoxication and its potential by ethanol. Toxicol Lett 32:269-273.

9. REFERENCES

- NIOSH. 1988. National occupational exposure survey. Cincinnati, OH: National Institute for Occupational Safety and Health.
- *NIOSH. 2000. NIOSH pocket guide to chemical hazards (NPG): Hexachlorobenzene. National Institute for Occupational Safety and Health. <http://www.cdc.gov/niosh/homepage.html>.
- *NJ Dept Env Protec. 1993. Ground water quality standards. New Jersey Department of Environmental Protection, Division of Water Quality. N.A.J.C. 7:9-6. <http://www.state.nj.us/dep/>.
- NLM. 1988. Chemline. National Library of Medicine, Bethesda, MD. December 1988.
- *NLM. 1998. Chemline. National Library of Medicine, Bethesda, MD.
- *NOES. 1990. National Occupational Exposure Survey 1981-83. Cincinnati OH: U.S. Department of Health and Human Services, National Institute for Occupational Safety and Health. July 1, 1990.
- *Noren K, Meironyte D. 2000. Certain organochlorine and organobromine contaminants in Swedish human milk in perspective of past 20-30 years. Chemosphere 40:1111-1123.
- *Noren K, Weistrand C, Karpe F. 1999. Distribution of PCB congeners, DDE, hexachlorobenzene, and methylsulfonyl metabolites of PCB and DDE among various fractions of human blood plasma. Arch Environ Contam Toxicol 37:408-414.
- *NRC. 1993. National Research Council. Pesticides in the diets of infants and children. Washington, DC: National Academy Press.
- NTDB. 1994. National Trade Data Bank, the export connection. U.S. Department of Commerce.
- *NTDB. 1995. National Trade Data Bank. Washington, D.C: USDOC, Bureau of the Census.
- *Ntow WJ. 2001. Organochlorine pesticides in water, sediment, crops, and human fluids in a farming community in Ghana. Bull Environ Contam Toxicol 40:557-563.
- *NTP. 1991. Sixth annual report on carcinogens: Summary 1991. Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service, National Toxicology Program. NTP 85-002.
- *NTP. 2001. Ninth report on carcinogens. National Toxicology Program. <http://ntp-server.niehs.nih.gov/>. December 20, 2001.
- *Oberg T, Bergstrom JGT. 1985. Hexachlorobenzene as an indicator of dioxin production from combustion. Chemosphere 14:1081-1086.
- Ochiai T, Morishima T, Kondo M. 1997. Symptomatic porphyria secondary to hepatocellular carcinoma. Br J Dermatol 136:129-131.
- *Ockner RK, Schmid R. 1961. Acquired porphyria in man and rat due to hexachlorobenzene intoxication. Nature (February 11):499.

9. REFERENCES

- *Oehme M, Mano S, Mikalsen A. 1987. Formation and presence of polyhalogenated and polycyclic compounds in the emissions of small and large scale municipal waste incinerators. *Chemosphere* 16:143-153.
- O'Hara TM, Krahn MM, Boyd D, et al. 1999. Organochlorine contaminant levels in Eskimo harvested bowhead whales of arctic Alaska. *J Wildl Dis* 35(4):741-752.
- Ohio River Valley Water Sanitation Commission. 1979. Water treatment process modifications for trihalomethane control and organic substances in the Ohio River. Cincinnati, OH: Ohio River Valley Water Sanitation Commission.
- *Ojala M. 1993. Simultaneous separation and determination of chlorobenzenes, PCBs, and chlorophenols using silica gel fractionation and GC-ECD analysis. *Journal of High Resolution Chromatography* 16:679-682.
- *Oliver BG, Nicol KD. 1982a. Chlorobenzenes in sediments, water, and selected fish from Lakes Superior, Huron, Erie, and Ontario. *Environ Sci Technol* 16:532-536.
- *Oliver BG, Nicol KD. 1982b. Gas chromatographic determination of chlorobenzenes and other chlorinated hydrocarbons in environmental samples using fused silica capillary columns. *Chromatographia* 16:336-340.
- *Oliver BG, Niimi AJ. 1983. Bioconcentration of chlorobenzenes from water by rainbow trout: Correlations with partition coefficients and environmental residues. *Environ Sci Technol* 17:287-291.
- *Onuska FI, Terry KA. 1993. Extraction of pesticides from sediments using a microwave technique. *Chromatographia* 36:101-104.
- *OSHA. 1999a. Air contaminants. Occupational safety and Health Administration. 29 CFR 1910.1000.
- *OSHA. 1999b. Air contaminants. Occupational safety and Health Administration. 29 CFR 1915.1000.
- *OSHA. 1999c. Air contaminants. Occupational safety and Health Administration. 29 CFR 1926.55.
- *OTA. 1990. Neurotoxicity: Identifying and controlling poisons of the nervous system. Washington, DC: Office of Technology Assessment, U.S. Congress. OTA-BA-438.
- Otero R, Santiago-Silva M, Grimalt JO. 1997. Hexachlorocyclohexanes in human blood serum. *J Chromatogr* 778:87-94.
- Ou YC, Conolly RB, Thomas RS, et al. 2001. A clonal growth model: time-course simulations of liver foci growth following penta- or hexachlorobenzene treatment in a medium-term bioassay. *Cancer Res* 61(5):1879-1889.
- *Owen GM, Brozek J. 1966. Influence of age, sex and nutrition on body composition during childhood and adolescence. In: Falkner F, ed. *Human development*. Philadelphia, PA: WB Saunders, 222-238.
- Packe GE, Clarke CWF. 1985. Is porphyria cutanea tarda a risk factor in the development of hepatocellular carcinoma? *Oncology* 42:44-47.

9. REFERENCES

- Pankow, JF, Ligocki MP, Rosen ME, et al. 1988. Adsorption/thermal desorption with small cartridges for the determination of trace aqueous semivolatile organic compounds. *Anal Chem* 60:40-47.
- Pardue JH, Jackson WA, Clover CC. 1998. Natural attenuation of organics at the Petro Processors, Inc. superfund site: Potential for metal inhibition and complete anaerobic degradation. In: *Proceedings WEFTEC '98: Water Environment Federation 71st annual conference and exposition, Orlando, Florida*. Alexandria, VA: Water Environment Federation, 109-123.
- *Park J, Wade TL, Sweet S. 2001. Atmospheric deposition of organochlorine contaminants to Galveston Bay, Texas. *Atmos Environ* 35:3315-3324.
- *Parlar H. 1978. Organochlorine compounds and their reactions in the atmosphere. *Ecotox Environ Safety* 2:219-232.
- *Pereira MA, Herren SL, Britt AL, et al. 1982. Sex difference in enhancement of GGTase- positive foci by hexachlorobenzene and lindane in rat liver. *Cancer Lett* 15:95-101.
- *Pereria WE, Rostad CE, Chiou CT, et al. 1988. Contamination of estuarine water, biota and sediment by halogenated organic compounds: A field study. *Environ Sci Technol* 22:772-778.
- Perkins CR, Barclay JS. 1997. Accumulation and mobilization of organochlorine contaminants in wintering greater scaup. *J Wildl Manage* 61(2):444-449.
- *Peters HA. 1956. Therapy of acute porphyria with bal and other agents (A report of 19 additional cases). *Diseases of the Nervous System* 17(6):351-357.
- *Peters HA. 1993. Acute hepatic porphyria. In: RT Johnson, JW Griffin (eds.). *Current therapy in neurologic disease*, 4th ed. Mosby-Year Book, Inc., 317-322.
- *Peters H, Cripps DJ. 1985. Chelation therapy of acute, chronic, and mixed porphyria. *Plzen Lek Sborn, suppl* 49:261-264.
- Peters HA, Cripps DJ, Gocmen A, et al. 1986a. Neurotoxicity of hexachlorobenzene-induced porphyria turcica. *IARC Sci Publ* 77:575-579.
- *Peters H, Cripps D, Gocmen A, et al. 1987. Turkish epidemic hexachlorobenzene porphyria: A 30-year study. *Ann NY Acad Sci* 514:183-190.
- *Peters HA, Gocmen A, Cripps DJ, et al. 1982. Epidemiology of hexachlorobenzene-induced porphyria in Turkey: Clinical and laboratory follow-up after 25 years. *Arch Neurol* 39:744-749.
- *Peters HA, Gocmen A, Cripps DJ, et al. 1986b. Porphyria turcica: Hexachlorobenzene-induced porphyria. Neurological manifestations and therapeutic trials of ethylenediaminetetraacetic acid in the acute syndrome. *IARC Scientific Publ* 77:581-583.
- *Peters HA, Johnson SA, Cam S, et al. 1966. Hexachlorobenzene induced porphyria: Effect of chelation on the disease, porphyrin and metal metabolism. *Am J Med Sci* 251:314-322.
- Peters HA, Levine RL, Matthews CG, et al. 1988. Extrapyramidal and other neurologic manifestations associated with carbon disulfide fumigant exposure. *Arch Neurol* 45:537-540.

9. REFERENCES

- *Peters HA, Woods S, Eichman PL, et al. 1957. The treatment of acute porphyria with chelating agents: A report of 21 cases. *Ann Intern Med* 47(5):889-899.
- *Petreas M, She J, Visita P, et al. 1998. Levels of PCDD/PCDFs, PCBs and OC pesticides in breast adipose of women enrolled in a California breast cancer study. *Organohalogen Compounds* 38:37-40.
- Petty JD, Poulton BC, Charbonneau CS, et al. 1998. Determination of bioavailable contaminants in the lower Missouri River following the flood of 1993. *Environ Sci Technol* 32(7):837-842.
- *Petzold G, Schafer M, Benthe C, et al. 1999. Dietary exposure and human body burden to organochlorine pesticides and PCBs in children and women in northern Germany. *Organohalogen Compounds* 44:119-122.
- Peven CS, Uhler AD, Hillman RE, et al. 1996. Concentration of organic contaminants in *Mytilus edulis* from the Hudson-Raritan Estuary and Long Island Sound. *Sci Total Environ* 179:135-147.
- *Pimstone NR. 1982. Porphyria cutanea tarda. *Semin Liver Dis* 2(2):132-142.
- Pohl HR, Abadin HG. 1995. Utilizing uncertainty factors in minimal risk levels derivation. *Regul Toxicol Pharmacol* 22:180-188.
- Pohl HR, Tylenda CA. 2000. Breast-feeding exposure of infants to selected pesticides: a public health viewpoint. *Toxicol Ind Health* 16:65-77.
- Pohl HR, McClure PR, Fay M, et al. 2001. Public health assessment of hexachlorobenzene. *Chemosphere* 43:903-908.
- Pohl HR, Smith-Simon C, Hicks H. 1998. Health effects classification and its role in the derivation of minimal risk levels: developmental effects. *Regul Toxicol Pharmacol* 28:55-60.
- *Poissant L, Koprivnjak JF, Mattieu R. 1997. Some persistent organic pollutants and heavy metals in the atmosphere over a St. Lawrence River Valley site (Villeroy) in 1992. *Chemosphere* 34(3):567-585.
- Polder A, Becher G, Savinova TN, et al. 1998. Dioxins, PCBs and some chlorinated pesticides in human milk from the Kola Peninsula, Russia. *Chemosphere* 37:1795-1806.
- *Poli A, Biasi D, Diani F, et al. 1999. Presence of organic chlorine pesticides in the adipose tissue of the pregnant woman, in the placenta, and in the maternal milk. *Ig Mod* 112:861-871.
- *Poole KG, Elkin BT, Bethke RW. 1998. Organochlorine and heavy metal contaminants in wild mink in western Northwest Territories, Canada. *Arch Environ Contam Toxicol* 34:406-413.
- Porta M, Jarod M, Malats N, et al. 2000. Prevalence of K-ras mutations at diagnosis and serum levels of DDT, DDE, PCBs and other organochlorine compounds in exocrine pancreatic cancer. Amsterdam: Ios Press.
- *Prachar V, Veningerova M, Uhnak J, et al. 1993. Levels of polychlorinated biphenyls and some other organochlorine compounds in breast milk samples in Bratislava. *Sci Total Environ (Suppl Pt 1)*:237-242.
- Pratt GC, Palmer K, Wu CY, et al. 2000. An assessment of air toxics in Minnesota. *Environ Health Perspect* 108(9):815-825.

9. REFERENCES

Price PS, Keenan RE, Swartout JC, et al. 1997. An approach for modeling noncancer dose responses with an emphasis on uncertainty. *Risk Anal* 17(4):427-437.

*Pylypiw HM Jr., 1993. Rapid gas chromatographic method for the multiresidue screening of fruits and vegetables for organochlorine and organophosphate pesticides. *J AOAC Int* 76(6):1369-1373.

*Queiroz MLS, Bincoletto C, Perlingeiro RCR, et al. 1997. Defective neutrophil function in workers occupationally exposed to hexachlorobenzene. *Human Exp Toxicol* 16(6):322-326.

*Queiroz MLS, Bincoletto C, Perlingeiro RCR, et al. 1998a. Immunoglobulin levels in workers exposed to hexachlorobenzene. *Human Exp Toxicol* 17:172-175.

Queiroz MLS, Perlingeiro RCR, Dantas DCM, et al. 1994. Immunoglobulin levels in workers exposed to inorganic mercury. *Pharmacol Toxicol* 74:72-75.

*Queiroz MLS, Quadros MR, Valadares MC, et al. 1998b. Polymorphonuclear phagocytosis and killing in workers occupationally exposed to hexachlorobenzene. *Immunopharmacol Immunotoxicol* 20(3):447-454.

*Quemerais B, Lemieux C, Lum KR. 1994. Concentrations and sources of PCBs and organochlorine pesticides in the St. Lawrence River (Canada) and its tributaries. *Chemosphere* 29(3):591-610.

*Quinsey PM, Donohue DC, Ahokas JT. 1995. Persistence of organochlorines in breast milk of women in Victoria, Australia. *Food Chem Toxicol* 33(1):49-56.

*Quinsey PM, Donohue DC, Cummings FJ, et al. 1996. The importance of measured intake in assessing exposure of breast-fed infants to organochlorines. *Eur J Clin Nutr* 50(7):438-442.

*Rahman MS, Bowadt S, Larsen B. 1993. Dual-column GC analysis of Mediterranean fish for ten organochlorine pesticides and sixty two chlorobiphenyls. *Journal of High Resolution Chromatography* 16:731-735.

*Rajamanickam C, Padmanaban G. 1974. Biochemical effects of hexachlorobenzene. *Indian J Biochem Biophys* 11:119-122.

*Rajamanickam C, Amrutavalli J, Rao MR, et al. 1972. Effect of hexachlorobenzene on haem synthesis. *Biochem J* 129:381-387.

Randi AS, Sancovich HA, Ferramola AM, et al. 1998. Hexachlorobenzene-induced alterations of rat hepatic microsomal membrane function. *Toxicology* 125:83-94.

Rasmussen RA. 1972. What do the hydrocarbons from trees contribute to air pollution? *J Air Pollut Control Assoc* 22(7):537-543.

Raum E, Seidler A, Schlaud M, et al. 1998. Contamination of human breast milk with organochlorine residues: a comparison between East and West Germany through sentinel practice networks. *J Epidemiol Commun Health* 52(Suppl. 1):S50-S55S.

*Ray LE, Murray HE, Giam CS. 1983. Organic pollutants in marine samples from Portland, Maine. *Chemosphere* 12:1031-1038.

9. REFERENCES

- Reeder AL, Foley GL, Nichols DK, et al. 1998. Forms and prevalence of intersexuality and effects of environmental contaminants on sexuality in cricket frogs (*Acris crepitans*). *Environ Health Perspect* 106(5):261-266.
- Renaud CB, Kaiser KLE, Comba ME. 1995. Historical versus recent levels of organochlorine contaminants in lamprey larvae of the St. Lawrence river basin, Quebec. *Can J Fish Aquat Sci* 52:268-275.
- Renner G. 1981. Biotransformation of the fungicides hexachlorobenzene and pentachloronitrobenzene. *Toxicology* 11:435-446.
- *Renner G. 1988. Hexachlorobenzene and its metabolism. *Toxicol and Environ Chem* 18:51-78.
- *Rhairds M, Levallois P, Ayotte P. 1999. Lead, mercury, and organochlorine compound levels in cord blood in Quebec, Canada. *Arch Environ Health* 54(1):40-47.
- *Richter E, Schafer SG. 1981. Intestinal excretion of hexachlorobenzene. *Arch Toxicol* 47:233-239.
- *Richter E, Renner G, Bayerl J, et al. 1981. Differences in the biotransformation of hexachlorobenzene (HCB) in male and female rats. *Chemosphere* 10:779-785.
- *Richter J, Landa K, Reznicek J. 1994. Immune response in persons occupationally exposed to hexachlorobenzene. *Pracovni Lekarstvi* 46(4):151-154.
- Riederer M. 1995. Partitioning and transport of organic chemicals between the atmospheric environment and leaves. In: Trapp S, Mc Farlane JC, eds. *Plant Contamination: Modeling stimulation of organic chemical processes*. Boca Raton, FL: Lewis Publishers, 153-190.
- Rietjens IM, den Besten C, Hanzlik RP, et al. 1997. Cytochrome P-450-catalyzed oxidation of halobenzene derivatives. *Chem Res Toxicol* 10(6):629-635.
- Rietjens IMCM, Steensma A, Den Besten C, et al. 1995. Comparative biotransformation of hexachlorobenzene and hexaflourobenzene in relation to the induction of porphyria. *Eur J Pharmacol* 293:293-299.
- Rios de Molina MC, Billi de Catabbi S, San Martin de Viale LC. 1991. Liver ferrochelatase from normal and hexachlorobenzene porphyric rats. Mechanism of drug action. *Int J Biochem* 23:669-673.
- *Rios de Molina MC, Wainstok e Calmanovici R, San Martin de Viale LC. 1980. Investigations on the presence of porphyrinogen carboxylase inhibitors in the liver of rats intoxicated with hexachlorobenzene. *Int J Biochem* 12:1027-1032.
- Rios De Molina R, Iglesias S, Lauria L, et al. 1996. Precancerous pathology evoked by hexachlorobenzene treatment. *Acta Physiol Pharmacol Ther Latinoam* 46(2):71-81.
- *Ristola T, Pellinen J, Van Hoof PL, et al. 1996. Characterization of Lake Ladoga sediments. II. Toxic chemicals. *Chemosphere* 32(6):1179-1192.
- Ritchie RJ, Ambrose S. 1998. Distribution and population status of bald eagles (*Haliaeetus leucocephalus*) in interior Alaska. *Arctic* 49(2):120-128.

9. REFERENCES

- *Rizzardini M, Smith AG. 1982. Sex differences in the metabolism of hexachlorobenzene by rats and the development of porphyria in females. *Biochem Pharmacol* 31:3543-3548.
- Rizzardini M, Cantoni L, Villa P, et al. 1990. Biochemical, morphological and flow-cytometric evaluation of the effects of hexachlorobenzene on rat liver. *Cell Biol Toxicol* 6:185-203.
- *Robinson PE, Mack GA, Remmers J, et al. 1990. Trends of PCB, hexachlorobenzene, and beta-benzene hexachloride levels in the adipose tissue of the U.S. population. *Environ Res* 53:175-192.
- *Roche P, Prados M. 1995. Removal of pesticides by use of ozone or hydrogen peroxide/ozone. *Ozone Sci Eng* 17:657-672.
- Rodolico S, Aleandri V, Parrocchia S, et al. 1999. [Chlorinated compounds in human breast milk: levels of contamination and infant intake]. *L'Igiene Moderna* 111:119-131.
- *Rodrigues MA, Sanchez-Negrette M, Mantovani MS, et al. 1991. Liver response to low-hexachlorobenzene exposure in protein- or energy-restricted rats. *Food Chem Toxic* 29: 757-764.
- Roe SL, MacIsaac HJ. 1998. Temporal variation of organochlorine contaminants in the zebra mussel *Dreissena polymorpha* in Lake Erie. *Aquat Toxicol* 41:125-140.
- Rogers HR. 1996. Sources, behaviour and fate of organic contaminants during sewage treatment and in sewage sludges. *Sci Total Environ* 185:3-26.
- Rohrig L, Meisch H. 2000. Application of solid phase micro extraction for the rapid analysis of chlorinated organics in breast milk. *Fresenius J Anal Chem* 366:106-111.
- *Romanic SH, Krauthacker B. 2000. Organochlorine Pesticides and Polychlorinated Biphenyls in Ambient Air Collected in Zagreb, Croatia. *Bull Environ Contam Toxicol* 64:811-816.
- Roots O. 1996. Polychlorinated biphenyls and chlororganic pesticides, assessment of health risk associated with the consumption of seafood. *Proc Estonian Acad Sci Ecol* 6:124-135.
- Rosenkranz HS, Zhang YP, Klopman G. 1998. Studies on the potential for genotoxic carcinogenicity of fragrances and other chemicals. *Food Chem Toxicol* 36:687-696.
- *Rostad CE, Pereira WE, Leiker TJ. 1988. Distribution and transport of selected anthropogenic organic compounds in Mississippi River suspended sediment USA May-June 1988. *J Contam Hydrol* 16(2):175-199.
- *Rostad CE, Pereira WE, Leiker TJ. 1999. Distribution and transport of selected anthropogenic lipophilic organic compounds associated with Mississippi River suspended sediment, 1989-1990. *Arch Environ Contam Toxicol* 36:248-255.
- *Rostad CE, Pereira WF, Leiker TJ. 1993. Distribution and transport of selected anthropogenic organic compounds on Mississippi River suspended sediment (U.S.A.), May/June 1988. *J Contam Hydrol* 16:175-199.
- Rothman N, Cantor KP, Blair A, et al. 1997. A nested case-control study of non-Hodgkin lymphoma and serum organochlorine residues. *Lancet* 350:240-244.

9. REFERENCES

- *Roy RR, Wilson P, Laski RR, et al. 1997. Monitoring of domestic and imported apples and rice by the U.S. Food and Drug Administration Pesticide Program. *J AOAC Int* 80(4):883-894.
- Rozman K, Gorski JR, Rozman P, et al. 1986. Reduced serum thyroid hormone levels in hexachlorobenzene-induced porphyria. *Toxicol Lett* 30:71-78.
- *Rozman K, Mueller W, Coulston F, et al. 1977a. Long-term feeding study of hexachlorobenzene in rhesus monkeys. *Chemosphere* 2/3:81-84.
- Rozman K, Mueller W, Coulston F, et al. 1977b. Long-term feeding study of hexachlorobenzene in rhesus monkeys. *Toxicol Appl Pharmacol* 41:217.
- *Rozman K, Mueller WF, Coulston F, et al. 1978. Chronic low dose exposure of rhesus monkeys to hexachlorobenzene (HCB). *Chemosphere* 2:177-184.
- Rozman K, Mueller W, Coulston F, et al. 1979. The involvement of the lymphatic system in the absorption, transport, and excretion of hexachlorobenzene in rats and rhesus monkeys. *Toxicol Appl Pharmacol* 48:A93.
- *Rozman K, Rozman T, Greim H. 1981. Enhanced fecal elimination of stored hexachlorobenzene from rats and rhesus monkeys by hexadecane or mineral oil. *Toxicology* 22:33-44.
- RTI. 1993. National listing of state fish and shellfish consumption advisories and bans. Research Triangle Park, NC: Research Triangle Institute Center for Environmental Analysis for U.S. EPA Office of Water, Office of Science and Technology, Fish Contamination Section.
- Rugo HS, Damon, LE. 1990. Occupational Hematology. In: Ladou JL, ed. Occupational medicine. Norwalk, CT: Appelton and Lange, 161-162.
- *Rumack BH, Lovejoy FH Jr. 1991. Clinical toxicology. In: Amdur MO, Doull J, Klaasen CD, eds. Casarett and Doull's toxicology: The basic science of poisons, 4th ed. New York, NY: Pergamon Press, 924-946.
- *Rumsby PC, Evans JG, Phillimore HE, et al. 1992. Search for Ha-ras codon 61 mutations in liver tumours caused by hexachlorobenzene and aroclor 1254 in C57BL/10ScSn mice with iron overload. *Carcinogenesis* 13:1917-1920.
- Russell RW, Gillan KA, Haffner GD. 1997. Polychlorinated biphenyls and chlorinated pesticides in southern Ontario, Canada, green frogs. *Environ Toxicol Chem* 16(11):2258-2263.
- *Russell RW, Lazar R, Haffner GD. 1995. Biomagnification of Organochlorines in Lake Erie White Bass. *Environ Toxicol Chem* 14(4):719-724.
- *Rutten GA, Schoots AC, Vanholder R, et al. 1988. Hexachlorobenzene and 1,1-di(4-chlorophenyl)-2,2-dichloroethene in serum of uremic patients and healthy persons: Determination by capillary gas chromatography and electron capture detection. *Nephron* 48:217-221.
- Ryckman DP, Weseloh DV, Hamr P, et al. 1998. Spatial and temporal trends in organochlorine contamination and bill deformities in double-crested cormorants (*Phalacrocorax auritus*) from the Canadian Great Lakes. *Environ Monit Assess* 53:169-195.

9. REFERENCES

Saboori AM, Newcombe DS. 1992. Environmental chemicals with immunotoxic properties. In: DS Newcombe, NR Rose, JC Bloom eds. Clinical Immunotoxicology. New York, NY: Raven Press Ltd., 365-400.

*Sala M, Ribas-Fito N, Cardo E, et al. 2001a. Levels of hexachlorobenzene and other organochlorine compounds in cord blood: exposure across placenta. *Chemosphere* 43:895-901.

*Sala M, Ribas-Fito N, de Muga ME, et al. 1999a. Hexachlorobenzene and other organochlorine compounds incorporation to the new-borns and its effects on neonatal neurological development at 6-8 weeks of life. *Organohalogen Compounds* 44:241-242.

*Sala M, Sunyer J, Herrero C, et al. 2001b. Association between serum concentrations of hexachlorobenzene and polychlorobiphenyls with thyroid hormone and liver enzymes in a sample of the general population. *Occup Environ Med* 58:172-177.

*Sala M, Sunyer J, Otero R, et al. 1999b. Health effects of chronic high exposure to hexachlorobenzene in a general population sample. *Arch Environ Health* 54(2):102-109.

*Salata H, Cortes JM, Enriquez de Salamanca R, et al. 1985. Porphyria *cutanea tarda* and hepatocellular carcinoma: Frequency of occurrence and related factors. *J Hepatol* 1:477-487.

*Sandberg S, Romslo I, Hovding G, et al. 1982. Porphyrin-induced photodamage as related to the subcellular localization of the porphyrins. *Acta Derm Venereol (Stockh)* 100:75-80.

San Martin de Viale LC, Tomio JM, Ferramola AM, et al. 1975. Experimental porphyria induced in rats by hexachlorobenzene. Proceedings - 1st International Porphyrin Meeting, Porphyrins in Human Disease, 453-458.

*Sasaki YF, Izumiyama F, Nishidate E, et al. 1997. Detection of rodent liver carcinogen genotoxicity by the alkaline single-cell gel electrophoresis (Comet) assay in multiple mouse organs (liver, lung, spleen, kidney, and bone marrow). *Mutat Res* 391:201-214.

*Savitskii IV. 1964. The basis for determining safe permissible concentrations of hexachlorobenzene and pentachloronitrobenzene in the air. *Vopr Prom i Sel'skokhoz Toksikol* :158-173.

*Savitskii IV. 1965. The basis for determining safe permissible concentrations of hexachlorobenzene and pentachloronitrobenzene in the air. *Chemical Abstracts* 63:8952.

*Sax N. 1984. Dangerous properties of industrial materials. 6th ed. New York, NY: Van Nostrand Reinhold Company, 1505-1506.

Sax NI, Lewis RJ Sr. 1987. Hawley's condensed chemical dictionary - 11th ed. New York, NY: Van Nostrand Reinhold Company, 263, 596.

Schantz SL, Sweeney AM, Gardiner JC, et al. 1996. Neuropsychological assessment of an aging population of Great Lakes fisheaters. *Toxicol Ind Health* 12(3-4):403-417.

*Schauerte W, Lay JP, Klein W, et al. 1982. Long-term fate of organochlorine xenobiotics in aquatic ecosystems. Distribution, residual behavior, and metabolism of hexachlorobenzene, pentachloronitrobenzene, and 4-chloroaniline in small experimental ponds. *Ecotox Environ Saf* 6:560-569.

9. REFERENCES

- *Schechter A, Ryan JJ, Papke O. 1998. Decrease in levels and body burden of dioxins, dibenzofurans, PCBs, DDE, and HCB in blood and milk in a mother nursing twins over a thirty-eight month period. *Chemosphere* 37(9-12):1807-1816.
- *Scheele J, Teufel M, Niessen KH. 1995. A comparison of the concentrations of certain chlorinated hydrocarbons and polychlorinated biphenyls in bone marrow and fat tissue of children and their concentrations in breast milk. *J Environ Pathol Toxicol Oncol* 14:11-14.
- *Scheele J, Teufel M, Niessen K-H. 1996. Chlorinated hydrocarbons in human bone marrow of healthy individuals and leukemia patients. *Arch Env Health* 51(1):22-25.
- *Scheufler E, Rozman K. 1984a. Comparative decontamination of hexachlorobenzene exposed rats and rabbits by hexadecane. *J Toxicol Environ Health* 14:353-362.
- *Scheufler E, Rozman K. 1984b. Effect of hexadecane on the pharmacokinetics of hexachlorobenzene. *Toxicol Appl Pharmacol* 75:190-197.
- *Scheunert I, Marra C, Viswanathan R, et al. 1983. Fate of hexachlorobenzene - 14C in wheat plants and soils under outdoor conditions. *Chemosphere* 12:843-858.
- *Schielen P, Den Besten C, Vos JG, et al. 1995a. Immune effects of hexachlorobenzene in the rat: Role of metabolism in a 13-week feeding study. *Toxicol Appl Pharmacol* 131:37-43.
- *Schielen P, Schoo W, Tekstra J, et al. 1993. Autoimmune effects of hexachlorobenzene in the rat. *Toxicol Appl Pharmacol* 122:233-243.
- Schielen P, Van der Pijl A, Bleumink R, et al. 1996. Local popliteal lymph node reactions to hexachlorobenzene and pentachlorobenzene: Comparison with systemic effects. *Immunopharmacology* 31:171-181.
- *Schielen P, Van Rodijnen W, Pieters RHH, et al. 1995b. Hexachlorobenzene treatment increases the number of splenic B-1 like cells and serum autoantibody levels in the rat. *Immunology* 86:568-574.
- Schiff K, Allen MJ. 2000. Chlorinated hydrocarbons in flatfishes from the Southern California, USA, bight. *Environ Toxicol Chem* 19(6):1559-1565.
- *Schlummer M, Moser GA, McLachlan MS. 1998. Digestive tract absorption of PCDD/Fs, PCBs, and HCB in humans: Mass balances and mechanistic considerations. *Toxicol Appl Pharmacol* 152:128-137.
- *Schmitt CJ, Zajicek JL, Peterman PH. 1990. National contaminant biomonitoring program: Residues of organochlorine chemicals in U.S. freshwater fish, 1976-1984. *Arch Environ Contam Toxicol* 19:748-781.
- Schmitt CJ, Zajicek JL, Ribick MA. 1985. National pesticide monitoring program: Residues of organochlorine chemicals in fresh water fish 1980-1981. *Arch Environ Contam Toxicol* 14:225-260.
- *Schoula R, Hajslova J, Bencko V, et al. 1996. Occurrence of persistent organochlorine contaminants in human milk collected in several regions of Czech republic. *Chemosphere* 33(8):1485-1494.

9. REFERENCES

- *Schrink CS, Cormier SM, Blazer VS. 1997. Contaminant exposure, biochemical, and histopathological biomarkers in white suckers from contaminated and reference sites in the Sheboygan River, Wisconsin. *J Great Lakes Res* 23(2):119-130.
- *Schroll R, Bierling B, Cao B, et al. 1994. Uptake pathways of organic chemicals from soil by agricultural plants. *Chemosphere* 28(2):297-303.
- Schwab BW. 1999. The TEF approach for hexachlorobenzene. *Environ Health Perspect* 107(4):A183-A184.
- Schwetz BA, Norris JM, Kociba RJ, et al. 1974. Reproduction study in Japanese quail fed hexachlorobutadiene for 90 days. *Toxicol Appl Pharmacol* 30:255-265.
- *SD Dept Environ Natural Resources. 1998. Drinking water standards. South Dakota Department of Environmental and Natural Resources. <http://www.state.sd.us/state/executive/denr/denr.html>.
- *Seidel V, Linder W. 1993. Universal sample enrichment technique for organochlorine pesticides in environmental and biological samples using a redesigned simultaneous steam distillation-solvent extraction apparatus. *Anal Chem* 65:3677-3683.
- Selden A, Floderus Y, Bodin L, et al. 1998. Porphyrins in aluminum foundry workers exposed to hexachlorobenzene and octachlorostyrene. *Organohalogen Compounds* 38:263-265.
- *Selden AI, Floderus Y, Bodin LS, et al. 1999. Porphyrin status in aluminum foundry workers exposed to hexachlorobenzene and octachlorostyrene. *Arch Environ Health* 54(4):248-253.
- *Selden A, Jacobson G, Berg P, et al. 1989. Hepatocellular carcinoma and exposure to hexachlorobenzene: A case report. *Br J Ind Med* 46:138-140.
- *Selden AS, Westberg HB, Hanberg A, et al. 1997. Congener-specific monitoring of PCB and hexachlorobenzene in hazardous waste incineration workers. *Organohalogen Compounds* 33:398-401.
- *Setchell BP, Waites GMH. 1975. The blood-testis barrier. In: Creep RO, Astwood EB, Geiger SR, eds. *Handbook of physiology: Endocrinology V*. Washington, DC: American Physiological Society.
- *Shan TH, Hopple JA, Foster GD. 1994. Alternative tissue analysis method developed for organochlorine contaminants in aquatic organisms. *Bull Environ Contam Toxicol* 53:382-389.
- Sharipova GA, Gulyaeva LF, Lyakhovich VV. 1998. Cytochrome P-4501A activity and mRNA level in liver and lungs of rats induced with various xenobiotics. *Mol Biol* 32(3):471-474.
- Sheppard SC. 1998. Geophagy: who eats soil and where do possible contaminants go? *Environ Geol* 33:109-114.
- *Sherwood RL, Thomas PT, O'Shea WJ, et al. 1989. Effects of inhaled hexachlorobenzene aerosols on rat pulmonary host defenses. *Toxicol Ind Health* 5:451-461.
- Shirai T. 1997. A medium-term rat liver bioassay as a rapid in vivo test for carcinogenic potential: A historical review of model development and summary of results from 291 tests. *Toxicol Pathol* 25(5):453-460.

9. REFERENCES

- *Shirai T, Miyata Y, Nakanishi K, et al. 1978. Hepatocarcinogenicity of polychlorinated terphenyl (PCT) in ICR mice and its enhancement by hexachlorobenzene (HCB). *Cancer Lett* 4:271-275.
- *Siegel-Scott C, Johnson AE. 1986. A risk analysis of hexachlorobenzene-related reproductive outcomes. *IARC Sci Publ* 77:629-634.
- *Siek P, Chalupa I, Beno J, et al. 1991. A genotoxicological study of hexachlorobenzene and pentachloroanisole. *Teratogen, Carcinogen Mutagen* 11:55-60.
- Siersema PD, Cleton-Soeteman MI, Bruijn WC, et al. 1993. Ferritin accumulation and uroporphyrin crystal formation in hepatocytes of C57Bl/10 mice: A time-course study. *Cell Tissue Res* 274:405-412.
- *Siersema PD, ten Kate FJW, Mulder PGH, et al. 1992. Hepatocellular carcinoma in porphyria cutanea tarda: Frequency and factors related to its occurrence. *Liver* 12:56-61.
- *Siersema PD, Van Helvoort RP, Ketelaars DAM, et al. 1991. Iron and uroporphyrin in hepatocytes of inbred mice in experimental porphyria: A biochemical and morphological study. *Hepatology* 14:1179-1188.
- Siljeholm J. 1997. A hazard ranking of organic contaminants in refinery effluents. *Toxicol Ind Health* 13(4):527-551.
- *Silkworth JB, Loose LD. 1981. Assessment of environmental contaminant-induced lymphocyte dysfunction. *Environ Health Perspect* 39:105-128.
- *Simon GS, Tardiff RG, Borzelleca JF. 1979. Failure of hexachlorobenzene to induce dominant lethal mutations in the rat. *Toxicol Appl Pharmacol* 47:415-419.
- *Simonich SL, Hites RA. 1995. Organic pollutant accumulation in vegetation. *Environ Sci Technol* 29(12):2905-2914.
- *Sims DE, Singh A, Donald A, et al. 1991. Alteration of primate ovary surface epithelium by exposure to hexachlorobenzene: A quantitative study. *Histol Histopath* 6:525-529.
- *Sinclair PR, Gorman N, Sinclair JF, et al. 1995. Ascorbic acid inhibits chemically induced uroporphyrin in ascorbate requiring rats. *Hepatology*, August 22(2):565-572.
- Sinclair PR, Gorman N, Walton HS, et al. 2000. CYP1A2 is essential in murine uroporphyrin caused by hexachlorobenzene and iron. *Toxicol Appl Pharmacol* 162:60-67.
- Sinclair PR, Walton HS, Gorman N, et al. 1997. Multiple roles of polyhalogenated biphenyls in causing increases in cytochrome P450 and uroporphyrin accumulation in cultured hepatocytes. *Toxicol Appl Pharmacol* 147:171-179.
- Sinkkonen S, Raitio H, Paasivirta J, et al. 1995a. Concentrations of persistent organochlorine compounds in spruce needles from western Finland. *Chemosphere* 30(4):1415-1422.
- *Sinkkonen S, Rantio T, Vattulainen A, et al. 1995b. Chlorohydrocarbons, PCB congeners, polychlorodioxins, furans and dibenzothiophenes in pine needles in the vicinity of a metal reclamation plant. *Chemosphere* 30(12):2227-2239.

9. REFERENCES

- *Sinkkonen S, Welling L, Vattulainen A, et al. 1996. Short chain aliphatic halocarbons and polychlorinated biphenyls in pine needles: Effects of metal scrap plant emissions. *Chemosphere* 32(10):1971-1982.
- *Sitarzka E, Klucinski W, Faundez R, et al. 1995. Concentration of PCBs, HCB, DDT, and HCH isomers in the ovaries, mammary gland, and liver of cows. *Bull Environ Contam Toxicol* 55:865-869.
- Sittig M, ed. 1980. Pesticide manufacturing and toxic materials control encyclopedia. Park Ridge, NJ: Noyes Data Corporation, 448-450.
- Sittig M, ed. 1994. World-wide limits for toxic and hazardous chemicals in air, water, and soil. Park Ridge, NJ: Noyes Publications, 408-409.
- *Siyali DS. 1972. Hexachlorobenzene and other organochloride pesticides in human blood. *Med J Aust* 2:1063-1066.
- *Skaare JU, Bernhoft A, Wiig O, et al. 2001. Relationships between plasma levels of organochlorines, retinol and thyroid hormones from polar bears (*Ursus maritimus*) at Svalbard. *J Toxicol Environ Health* 62(part A):227-241.
- *Smelt JH, Leistra M. 1974. Hexachlorobenzene in soils and crops after soil treatment with pentachloronitrobenzene. *Agric Environ* 1:65-71.
- *Smith AG. 1989. Iron-mediated mechanisms of liver injury by polyhalogenated aromatic chemicals *Human Tox* 8:149-150. (Abstract)
- *Smith AG. 1991. Chlorinated hydrocarbon insecticides. In: Hayes Jr WJ, Laws Jr ER, eds. *Handbook of pesticide toxicology*. vol. 2: Classes of pesticides. San Diego, CA: Academic Press, 731-915.
- *Smith AG, Cabral JR. 1980. Liver-cell tumors in rats fed hexachlorobenzene. *Cancer Lett* 11:169-172.
- *Smith AG, De Matteis F. 1990. Oxidative injury mediated by the hepatic cytochrome P-450 system in conjunction with cellular iron: Effects on the pathway of haem biosynthesis. *Xenobiotica* 20:865-877.
- *Smith AG, Francis JE. 1983. Synergism of iron and hexachlorobenzene inhibits hepatic uroporphyrinogen decarboxylase in inbred mice. *Biochem J* 214:909-913.
- *Smith AG, Francis JE. 1987. Chemically-induced formation of an inhibitor of hepatic uroporphyrinogen decarboxylase in inbred mice with iron overload. *Biochem J* 246:221-226.
- *Smith AG, Cabral JR, Carthew P, et al. 1989. Carcinogenicity of iron in conjunction with a chlorinated environmental chemical, hexachlorobenzene, in C57BL/10ScSn mice. *Int J Cancer* 43:492-496.
- *Smith AG, Cabral JRP, De Matteis F. 1979. A difference between two strains of rats in their liver non-haem iron content and in their response to the porphyrogenic effect of hexachlorobenzene. *Chem Biol Interact* 27:353-363.
- *Smith AG, Carthew P, Francis JE, et al. 1993. Enhancement by iron of hepatic neoplasia in rats caused by hexachlorobenzene. *Carcinogenesis* 14(7):1381-1387.

9. REFERENCES

- *Smith AG, Dinsdale D, Cabral JR, et al. 1987. Goitre and wasting induced in hamsters by hexachlorobenzene. *Arch Toxicol* 60:343-349.
- *Smith AG, Francis JE, Bird I. 1986d. Distinction between octachlorostyrene and hexachlorobenzene in their potential to induce ethoxyphenoxazone deethylase and cause porphyria in rats and mice. *J Biochem Toxicol* 1:105-117.
- Smith AG, Francis JE, De Matteis F. 1980. Lobes of rat liver respond at different rates to challenge by dietary hexachlorobenzene. *Biochem Pharmacol* 29(23):3127-3131.
- *Smith AG, Francis JE, Dinsdale D, et al. 1985. Hepatocarcinogenicity of hexachlorobenzene in rats and the sex difference in hepatic iron status and development of porphyria. *Carcinogenesis* 6(4):631-636.
- *Smith AG, Francis JE, Green JA, et al. 1990. Sex-linked hepatic uroporphyrinaemia and the induction of cytochromes P450IA in rats caused by hexachlorobenzene and polyhalogenated biphenyls. *Biochem Pharmacol* 40:2059-2068.
- *Smith AG, Francis JE, Kay SJE, et al. 1986a. Mechanistic studies of the inhibition of hepatic uroporphyrinogen decarboxylase in C57BL/10 mice by iron-hexachlorobenzene synergism. *Biochem J* 238:871-878.
- Smith AG, Stewart FP, Francis JE. 1986c. Genetic, iron status and sex factors of porphyria induced by hexachlorobenzene. *IARC Sci Publ* 77:433-439.
- *Smith AG, Wright AL, Cabral JRP. 1986b. Influence of hexachlorobenzene on thyroids of male hamsters. *IARC Sci Publ* 77:357-359.
- Smith DW. 1995. Synchronous response of hydrophobic chemicals in herring gull eggs from the Great Lakes. *Environ Sci Technol* 29:740-750.
- Soliman AS, Smith MA, Cooper SP, et al. 1997. Serum organochlorine pesticide levels in patients with colorectal cancer in Egypt. *Arch Env Health* 52(6):409-415.
- *Somers JD, Goski BC, Barbeau JM, et al. 1993. Accumulation of organochlorine contaminants in double-crested cormorants. *Environ Pollut* 80(1):17-23.
- *Sopena de Kracoff YE, Ferramola de Sancovich AM, Sancovich HA, et al. 1994. Effect of thyroidectomy and thyroxine on hexachlorobenzene induced porphyria. *J Endocrinol Invest* 17:301-305.
- *SRI. 1993. Stanford Research Institute International. 1993. Directory of chemical producers: United States of America. Menlo Park, CA.
- *SRI. 1999. Stanford Research Institute International. 1993. Directory of chemical producers: United States of America. Menlo Park, CA.
- *SRI. 2001. Stanford Research Institute International. 1993. Directory of chemical producers: United States of America. Menlo Park, CA.
- *Stachel B, Dougherty RC, Lahl U, et al. 1989. Toxic environmental chemicals in human semen: Analytical method and case studies. *Andrologia* 21:282-291.

9. REFERENCES

- Stangroom SJ, Collins CD, Lester JN. 1998. Sources of organic micropollutants to lowland rivers. *Environ Technol* 19:643-666.
- Staples CA, Werner AF, Hoogheem TJ. 1985. Assessment of priority pollutant concentrations in the United States using STORET database. *Environ Toxicol Chem* 4:131-142.
- Stein JE, Hom T, Collier TK, et al. 1995. Contaminant exposure and biochemical effects in outmigrant juvenile chinook salmon from urban and nonurban estuaries of Puget Sound, Washington. *Environ Toxicol Chem* 14(6):1019-1029.
- Stellman SD, Djordjevic MV, Muscat JE, et al. 1998. Relative abundance of organochlorine pesticides and polychlorinated biphenyls in adipose tissue and serum of women in Long Island, New York. *Cancer Epidemiol Biomarkers Prev* 7:489-4986.
- *Stewart FP, Smith AG. 1986. Metabolism of hexachlorobenzene by rat-liver microsomes. *IARC Sci Publ* 77:325-327.
- Stewart FP, Manson MM, Cabral JR, et al. 1989. Hexachlorobenzene as a promoter of diethylnitrosamine-initiated hepatocarcinogenesis in rats and comparison with induction of porphyria. *Carcinogenesis* 10:1225-1230.
- Stonard MD, Poli G, De Matteis F. 1998. Stimulation of liver heme oxygenase in hexachlorobenzene-induced hepatic porphyria. *Arch Toxicol* 72(6):355-361.
- *Strand LJ, Manning J, Marver HS. 1971. Acute intermittent porphyria: Studies on the enzymatic basis of disordered haem biosynthesis. *S Afr J Lab Clin Med* 17:108.
- Strandberg B, Hites RA. 2001. Concentration of organochlorine pesticides in wine corks. *Chemosphere* 44:729-735.
- *Strandberg B, Bandh C, van Bavel R, et al. 2000. Organochlorine compounds in the Gulf of Bothnia: sediment and benthic species. *Chemosphere* 40:1205-1211.
- Strik JJ. 1986. Subacute toxicity of hexachlorobenzene. *IARC Sci Publ* 77:335-342.
- Stringer RL, Jacobs MN, Johnston PA, et al. 1996. Organochlorine residues in fish oil dietary supplements. *Organohalogen Compounds* 28:551-556.
- *Stuetz W, Prapamontol T, Erhardt JG, et al. 2001. Organochlorine pesticide residues in human milk of a hmong hill tribe living in Northern Thailand. *Sci Total Environ* 273:53-60.
- Stutz W, Scherbaum V. 2000. Declining contamination of breast milk by organochlorine compounds-Germany in a worldwide comparison. *Ernaehr-Umsch* 47(10):375-381.
- *Sufit RL, Hodach R, Arends R, et al. 1986. Decreased conduction velocity and pseudomyotonia in hexachlorobenzene-fed rats. *IARC Sci Publ* 77:361-362.
- *Sundlof SF, Hansen LG, Koritz GD, et al. 1982. The pharmacokinetics of hexachlorobenzene in male beagles: Distribution, excretion, and pharmacokinetics model. *Drug Metab Dispos* 10:371-381.

9. REFERENCES

- *Sundlof SM, Parker AJ, Simon J, et al. 1981. Sub-acute toxicity of hexachlorobenzene in female beagles, including electroencephalographic changes. *Vet Hum Toxicol* 23:92-96.
- *Susarla S, Yonezawa Y, Masunaga S. 1997. Transformation kinetics and pathways of chlorophenols and hexachlorobenzene in fresh water lake sediment under anaerobic conditions. *Environ Technol* 18:903-911.
- Suwalsky M, Rodriguez C, Villena F, et al. 1999. The pesticide hexachlorobenzene induces alterations in the human erythrocyte membrane. *Pestic Biochem Physiol* 65:205-214.
- Swain WR. 1978. Chlorinated organic residues in fish, water, and precipitation from the vicinity of Isle Royale, Lake Superior. *J Great Lakes Res* 4:398-407.
- *Swann RL, Laskowski DA, McCall PJ, et al. 1983. A rapid method for the estimation of the environmental parameters octanol/water partition coefficient, soil sorption constant, water to air ratio, and water solubility. *Residue Rev* 85:17-28.
- *Sweeney GD, Basford D, Drestynski F. 1986. The role of contaminants in hexachlorobenzene toxicity. *IARC Sci Publ* 77:363-370.
- *Swift BL, Foley RE, Batcheller GR. 1993. Organochlorines in common Goldeneyes wintering in New York. *Wildl Soc Bull* 21(1):52-56.
- *Szymczynski GA, Waliszewski SM. 1981. Comparison of the content of chlorinated pesticide residues in human semen, testicles and fat tissues. *Andrologia* 13:250-252.
- *Tabak HH, Quave SA, Mashni CI, et al. 1981. Biodegradability studies with organic priority pollutant compounds. *J Water Pollut Control Fed* 53:1503-1518.
- *Takei GH, Kauahikaua SM, Leong GH. 1983. Analyses of human milk samples collected in Hawaii for residues of organochlorine pesticides and polychlorobiphenyls. *Bull Environ Contam Toxicol* 30:606-613.
- *Tate CM, Heiny JS. 1996. Organochlorine compounds in bed sediment and fish tissue in the South Platte River Basin, USA, 1992-1993. *Arch Environ Contam Toxicol* 30:62-78.
- *Taylor DH, Goldey E. 1990. Assessment of the behavioral and neurotoxic effects of hexachlorobenzene (HCB) in the developing rat. *AAMRL-TR-90-076*.
- *Tchounwou PB, Abdelghani AA, Pramar YV, et al. 1998. Health risk assessment of hexachlorobenzene and hexachlorobutadiene residues in fish collected from a hazardous waste contaminated wetland in Louisiana, USA. In: Little EE, Greenberg BM, DeLonay AJ, eds. Environmental toxicology and risk assessment. 7th Vol., 368-382.
- *Ten Hulscher TEM, Van Der Velde LE, Bruggeman WA. 1992. Temperature dependence of Henry's law constants for selected chlorobenzenes, polychlorinated biphenyls and polycyclic aromatic hydrocarbons. *Env Toxicol Chem* 11:1595-1603.
- *Teufel M, Niessen KH, Sartoris J, et al. 1990. Chlorinated hydrocarbons in fat tissue: Analyses of residues in healthy children, tumor patients, and malformed children. *Arch Environ Contam Toxicol* 19(5):646-652.

9. REFERENCES

- *Thier H-P, Zeumer H. 1987a. Organochlorine, organophosphorus nitrogen-containing and other pesticides. Deutsche Forschungsgemeinschaft: Manual of pesticide residue analysis. Vol. 1. Weinheim, Germany: VCH, 383-400.
- *Thier H-P, Zeumer H. 1987b. Organochlorine and organophosphorus pesticides. Deutsche Forschungsgemeinschaft: Manual of pesticide residue analysis. Vol. 1. Weinheim, Germany. VCH, 298-307.
- *Thomas RG. 1990. Volatilization from water. In: Lyman WJ, Reehl WF, Rosemblatt DH, eds., Handbook of chemical property estimation methods. Environmental Behavior of Organic Compounds. Washington DC: American Chemical Society, 15-15-15-17.
- Thomas RS, Gustafson DL, Ramsdell HS, et al. 1998. Enhanced regional expression of glutathione S-transferase P1-1 with colocalized AP-1 and CYP 1A2 induction in chlorobenzene-induced porphyria. *Toxicol Appl Pharmacol* 150:22-31.
- Thompson RPH, Nicholson DC, Farnan T, et al. 1970. Cutaneous porphyria due to a malignant primary hepatoma. *Gastroenterology* 59:779-783.
- *Tiernan TO, Solch JG, Garrett JG, et al. 1990. A concerted analytical method for determination of various halogenated and related bioaccumulating compounds in fish and sediments. *Brominated Compound, Short-Chain Aliphatics* 2:225-228.
- *Tiernan TO, Taylor ML, Garrett JH, et al. 1985. Sources and fate of polychlorinated dibenzodioxins, dibenzofurans and related compounds in human environments. *Environ Health Persp* 59:145-158.
- Tilbury KL, Adams NG, Krone CA, et al. 1999. Organochlorines in stranded pilot whales (*Globicephala melaena*) from the coast of Massachusetts. *Arch Environ Contam Toxicol* 37:125-134.
- *Tintinalli JE, Ruiz E, and Krone RL, eds. 1996. Emergency medicine. A comprehensive study. American College of Emergency Physicians. 4th ed. The McGraw-Hill Companies, Inc.
- *Tobin P. 1985. Known and potential sources of hexachlorobenzene. In: Morris CR, Cabral JRP, ed. Hexachlorobenzene: Proceedings of an International Symposium. Lyon, France: IARC Scientific Publications, 3-11.
- To-Figueras J, Barrot C, Rodamilans M, et al. 1995. Accumulation of hexachlorobenzene in humans: a long standing risk. *Human Exp Toxicol* 14:20-23.
- *To-Figueras J, Barrot C, Sala M, et al. 2000. Excretion of hexachlorobenzene and metabolites in feces in a highly exposed human population. *Environ Health Perspect* 108(7):595-598.
- *To-Figueras J, Gomez-Catalan J, Rodamilans M, et al. 1991. Studies on sex differences in excretion of sulphur derivatives of hexachlorobenzene and pentachloronitrobenzene by rats. *Toxicol Lett* 56:87-94.
- *To-Figueras J, Gomez-Catalan J, Rodamilans M, et al. 1992. Sulphur derivative of hexachlorobenzene in human urine. *Human Exp Toxicol* 11:271-273.
- *To-Figueras J, Sala M, Otero R, et al. 1997. Metabolism of hexachlorobenzene in humans: Association between serum levels and urinary metabolites in a highly exposed population. *Environ Health Perspect* 105(1):78-83.

9. REFERENCES

- TOMES. 1993. Toxicology, Occupational Medicine and Environment Series electronic database. Creosote: Phenol and related agents. Micromedex, Inc. Vol 78.
- *Tomlin CDS. 1997. The pesticide manual. 11th ed. British Crop Protection Council, 977-979, 1084-1086.
- *Topi GC, D'Alessandro Gandolfo L, Griso D, et al. 1980. Porphyria cutanea tarda and hepatocellular carcinoma. *Int J Biochem* 12:883-885.
- *Torinuki W, Kumai N, Miura T. 1981. Histopathological studies on sun-exposed hexachlorobenzene-induced porphyric rat skin. *Tohoku J Exp Med* 134:425-430.
- Townsend BA, Carlson GP. 1981. Effect of halogenated benzenes on the toxicity and metabolism of malathion, malaoxon, parathion, and paraoxon in mice. *Toxicol Appl Pharmacol* 60:52-61.
- Trenti T, Ventura E, Ceccarelli D, et al. 1986. Functional derangement of liver mitochondria from hexachlorobenzene-treated rats. *IARC Sci Publ* 77:329-331.
- TRI91. 1993. National Toxicology Information Program, Toxic Chemical Release Inventory. National Library of Medicine Bethesda, MD.
- TRI93. 1995. National Toxicology Information Program, Toxic Chemical Release Inventory. National Library of Medicine Bethesda, MD.
- *TRI98. 2000. National Toxicology Information Program, Toxic Chemical Release Inventory. National Library of Medicine Bethesda, MD. <http://www.epa.gov/enviro/ad>. 6/13/00
- *TRI99. 2001. TRI explorer: Providing access to EPA's toxics release inventory data. Washington, DC: Office of Information Analysis and Access, Offices of Environmental Information, U.S. Environmental Protection Agency. Toxic Release Inventory. <http://www.epa.gov/triexplorer/>. 11/26/01.
- *Trotter WJ, Dickerson R. 1993. Pesticide residues in composited milk collected through the U.S. Pasteurized Milk Network. *J AOAC Int* 76(6):1220-1225.
- Tryphonas H. 1998. The impact of PCBs and dioxins on children's health: Immunological considerations. *Can J Public Health* 89(Suppl. 1):S49-S52.
- Tsambaos D, Bolen K, Georgiou S, et al. 1994. Effects of oral thalidomide on rat liver and skin microsomal P450 isozyme activities and on urinary porphyrin excretion: Interaction with oral hexachlorobenzene. *Arch Dermatol Res* 286:347-349.
- *Tsuda H, Matsumoto K, Ogino H, et al. 1993. Demonstration of initiation potential of carcinogens by induction of preneoplastic glutathione S transferase P-form-positive liver cell foci: Possible *in vivo* assay system for environmental carcinogens. *Jpn J Cancer Res* 84:230-236.
- Umegaki K, Ikegami S. 1998. Feeding fish oil to rats accelerates the metabolism of hexachlorobenzene. *J Nutr Sci Vitaminol* 44:301-311.
- *UNEP. 1996. UNEP survey on sources of POPs: A report prepared for an IFCS expert meeting on persistent organic pollutants: Manila, the Philippines, 17-19 June 1996. United Nations Environment Programme. <http://www.chem.unep.ch/pops/idxhtms/manexp3.html>.

9. REFERENCES

- *USC. 1998. Hazardous air pollutants. U.S. Code: Title 42, section 7412. <http://www4.law.cornell.edu/uscode/42/7412.text.html>.
- *USC. 2001. Hazardous air pollutants. United States Code. 42 USC 7412. <http://www4.law.cornell.edu/uscode/42/7412.text.html>. November 29, 2001.
- U.S. Congress. 1990. Clean Air Act Amendments of 1990. Title III. Hazardous air pollutants, section 112-hazardous air pollutants as amended, October 26, 1990. 101st congress, 2nd session report, 101-952.
- USDA. 2000a. Accreditation of chemistry laboratories. United States Department of Agriculture, Food Safety and Inspection Service. 9 CFR 318.21.
- USDA. 2000b. Accreditation of chemistry laboratories. United States Department of Agriculture, Food Safety and Inspection Service. 9 CFR 381.153.
- *USDA. 2000c. Germination standards for vegetable seeds in interstate commerce. United States Department of Agriculture, Agricultural Marketing Service. 7 CFR 201.31.
- *USDA. 2001. Labeling treated seed. United States Department of Agriculture. Code of Federal Regulations. 7 CFR 201.31a(b). <http://frwebgate.access.gpo.gov/cgi-bin/>. December 19, 2001.
- U.S. International Trade Commission. 1991. (USITC). Harmonized tariff schedule of the United States (1991). Washington, DC.
- U.S. International Trade Commission. 1992. (USITC). Preliminary report on U.S. production of selected synthetic organic chemicals (including synthetic plastics and resin materials) first quarter, second quarter, and cumulative totals, Washington DC.
- van Birgelen APMJ. 1998. Hexachlorobenzene as a possible major contributor to the dioxin activity of human milk. *Environ Health Perspect* 106(11):683-688.
- van Birgelen APJM. 1999. Uncertainties in the toxic equivalency factor concept: Future directions. *Organohalogen Compounds* 44:505-508.
- *Van Den Berg KJ. 1990. Interaction of chlorinated phenols with thyroxine binding sites of human transthyretin, albumin and thyroid binding globulin. *Chem Biol Interact* 76:63-75.
- *Van Loveren H, Kranjnc EI, Rombout PJA, et al. 1990. Effects of ozone, hexachlorobenzene, and bis(*tri-n*-butyltin)oxide on natural killer activity in the rat lung. *Toxicol Appl Pharmacol* 102:21-33.
- Van Loveren H, Steerenberg PA, Vos JG. 1995. Early detection of immunotoxicity: from animal studies to human biomonitoring. *Toxicol Lett* 77:73-80.
- *van Ommen B, Hendriks W, Bessems JGM, et al. 1989. The relation between the oxidative biotransformation of hexachlorobenzene and its porphyrinogenic activity. *Toxicol Appl Pharmacol* 100:517-528.
- *van Ommen B, Van Bladeren PJ, Temmink JHM, et al. 1985. Formation of pentachlorophenol as the major product of microsomal oxidation of hexachlorobenzene. *Biochem Biophys Res Comm* 126:25-32.

9. REFERENCES

- *van Raaij JAGM, Frijters CMG, van den Berg KJ. 1993a. Hexachlorobenzene-induced hypothyroidism: Involvement of different mechanism by parent compound and metabolite. *Biochem Pharmacol* 46(8):1385-1391.
- *van Raaij JAGM, Frijters CMG, Wong Yen kong L, et al. 1994. Reduction of thyroxine uptake into cerebrospinal fluid and rat brain by hexachlorobenzene and pentachlorophenol. *Toxicology* 94:197-208.
- *van Raaij JAGM, Kaptein E, Visser TJ, et al. 1993b. Increased glucuronidation of thyroid hormone in hexachlorobenzene-treated rat. *Biochem Pharmacol* 45(3):627-631.
- *van Raaij JA, van den Berg KJ, Engel R, et al. 1991a. Effects of hexachlorobenzene and its metabolites pentachlorophenol and tetrachlorohydroquinone on serum thyroid hormone levels in rats. *Toxicology* 67:107-116.
- van Raaij JA, van den Berg KJ, Notten WR. 1991b. Hexachlorobenzene and its metabolites pentachlorophenol and tetrachlorohydroquinone: Interaction with thyroxine binding sites of rat thyroid hormone carriers ex vivo and in vitro. *Toxicol Lett* 59:101-107.
- *Veith GD, DeFoe DL, Bergstedt BV, et al. 1979. Measuring and estimating the bioconcentration factor of chemicals in fish. *J Fish Res Bd Can* 36:1040-1048.
- Vena JE, Buck GM, Kostyniak P, et al. 1996. The New York angler cohort study: Exposure characterization and reproductive and developmental health. *Toxicol Ind Health* 12:327-334.
- *Verschueren K. 1983. Handbook of environmental data on organic chemicals. 2nd ed. New York, NY: Van Nostrand Reinhold Company, 712-717.
- *Verschueren K. 1996. Handbook of environmental data on organic chemicals. 3rd ed. New York, NY: Van Nostrand Reinhold Company, 1064-1069.
- Vetter W, Scholz E, Gaus C, et al. 2001. Anthropogenic and natural organohalogen compounds in blubber of dolphins and dugongs (*Dugong dugon*) from Northeastern Australia. *Arch Environ Contam Toxicol* 41:221-231.
- *Vieira I, Sonnier M, Cresteil T. 1996. Developmental expression of *CYP2E1* in the human liver: Hypermethylation control of gene expression during the neonatal period. *Eur J Biochem* 238:476-483.
- *Vilanova R, Fernandez P, Martinez C, et al. 2001. Organochlorine pollutants in remote mountain lake waters. *J Environ Qual* 30:1286-1295.
- Vilas GL, Aldonatti C, San Martin de Viale LC, et al. 1999. Effect of α -lipoic acid amide on hexachlorobenzene porphyria. *Biochem Mol Biol Int* 47(5):815-823.
- *Villeneuve DC, Hierlihy SL. 1975. Placental transfer of hexachlorobenzene in the rat. *Bull Environ Contam Toxicol* 13:489-491.
- Villeneuve DC, Newsome WH. 1975. Toxicity and tissue levels in the rat and guinea pig following acute hexachlorobenzene administration. *Bull Environ Contam Toxicol* 14:297-300.
- *Villeneuve DC, Panopio LG, Grant DL. 1974a. Placental transfer of hexachlorobenzene in the rabbit. *Environ Physiol Biochem* 4:112-115.

9. REFERENCES

- Villeneuve DC, Phillips WEJ, Panopio LG, et al. 1974b. The effects of phenobarbital and carbon tetrachloride on the rate of decline of body burdens of hexachlorobenzene in the rat. *Arch Environ Contam Toxicol* 2:243-252.
- *Villeneuve DC, Van Logten MJ, Den Tonkelaar EM, et al. 1977. Effect of food deprivation on low level hexachlorobenzene exposure in rats. *Sci Total Environ* 8:179-186.
- *Vincent SH, Smith AG, Muller-Eberhard U. 1989. Modulation of hepatic heme-binding Z protein in mice by the porphyrogenic carcinogens griseofulvin and hexachlorobenzene. *Cancer Lett* 45:109-114.
- *Visser O, Van den Berg JW, Edixhoven-Bosdisk A, et al. 1989. Development of hexachlorobenzene porphyrin in rats: Time sequence and relationship with lipid peroxidation. *Food Chem Toxicol* 27:317-321.
- Vos JG. 1986. Immunotoxicity of hexachlorobenzene. *IARC Sci Publ* 77:347-356.
- Vos J, Van Loveren H. 1995. Markers for immunotoxic effects in rodents and man. *Toxicol Lett* 82/83:385-394.
- *Vos JG, Brouwer GMJ, van Leeuwen FXR, et al. 1983. Toxicity of hexachlorobenzene in the rat following combined pre- and post-natal exposure: Comparison of effects on immune system, liver and lung. In: Gibson GG, Hubbard R, Parke DV, eds. *Immunotoxicology*. London, England: Academic Press, 219-235.
- Vos JG, van der Maas HL, Musch A, et al. 1971. Toxicity of hexachlorobenzene in Japanese quail with special reference to porphyria, liver damage, reproduction, and tissue residues. *Toxicol Appl Pharmacol* 18:944-957.
- *Vos JG, van Logten MJ, Kreeftenberg JG, et al. 1979a. Effect of hexachlorobenzene on the immune system of rats following combined pre- and postnatal exposure. *Drug Chem Toxicol* 2:61-76.
- *Vos JG, van Logten MJ, Kreeftenberg JG, et al. 1979b. Hexachlorobenzene-induced stimulation of the humoral immune response in rats. *Ann NY Acad Sci* 320:535-550.
- *Vos RME, Snoek MC, Van Berkel WJH, et al. 1988. Differential induction of rat hepatic glutathione S-transferase isoenzymes by hexachlorobenzene and benzyl isothiocyanate: Comparison with induction by phenobarbital and 3-methylcholanthrene. *Bio Chem Pharmacol* 37:1077-1082.
- Vrecl M, Jan J, Pogacnik A, et al. 1996. Transfer of planar and non-planar chlorobiphenyls, 4,4'-DDE and hexachlorobenzene from blood to milk and to suckling infants. *Chemosphere* 33(11):2341-2346.
- *VT Air Control Division. 1998. Air toxics report. Vermont Agency of Natural Resources. <http://www.anr.state.vt.us/>.
- *WA Dept of Ecology. 1998. Controls for new sources of toxic air pollutants. Chapter 173-460 WAC. Washington State Department of Ecology, Air Quality Program. <http://www.wa.gov/ecology/air/airhome.html>.
- *Wada O, Yano Y, Urata G, et al. 1968. Behavior of hepatic microsomal cytochromes after treatment of mice with drugs known to disturb porphyrin metabolism in liver. *Biochem Pharmacol* 17:595-603.

9. REFERENCES

- *Waddington RT. 1972. Short notes of rare or obscure cases. A case of primary liver tumour associated with porphyria. *Brit J Surg* 59:653-654.
- Wagman N, Strandberg B, Van Bavel B, et al. 1999. Organochlorine pesticides and polychlorinated biphenyls in household composts and earthworms (*Eisenia foetida*). *Environ Toxicol Chem* 18(6):1157-1163.
- Wagner U, Schlebusch H, Van der Ven H, et al. 1990. Accumulation of pollutants in the genital tract of sterility patients. *J Clin Chem Clin Biochem* 28:683-688.
- *Wainstok de Calmanovici R, San Martin de Viale LC. 1980. Effect of chlorophenols on porphyrin metabolism in rats and chicken embryo. *Int J Biochem* 12:1039-1044.
- Wainstok de Calmanovici R, Billi de Catabbi SC, Aldonatti CA. 1989. Influence of the strain of rats on the induction of hexachlorobenzene induced porphyria. *Int J Biochem* 21:377-381.
- Wainstok de Calmanovici R, Cochon AC, Aldonatti C, et al. 1990. Synergistic effect of mammary tumors on hexachlorobenzene-induced porphyria in rats. *Cancer Letters* 55:67-73.
- *Wainstok de Calmanovici R, Cochon AC, Aldonatti C, et al. 1991. Sex comparison of heme pathway in rats bearing hepatic tumors. *Tumori* 77:379-384.
- Wainstok de Calmanovici R, Rios de Molina MDC, Taira de Yamasato MC, et al. 1984. Mechanism of hexachlorobenzene-induced porphyria in rats: Effect of phenobarbitone pretreatment. *Biochem J* 218:753-763.
- *Waliszewski SM, Szymczynski GA. 1985. Inexpensive, precise method for the determination of chlorinated pesticide residues in soil. *J Chromatogr* 321:480-483.
- *Waliszewski SM, Aguirre AA, Benitez A, et al. 1999a. Organochlorine pesticide residues in human blood serum of inhabitants of Veracruz, Mexico. *Bull Environ Contam Toxicol* 62(4):397-402.
- Waliszewski SM, Aguirre AA, Infanzon RM, et al. 1998. Time trend of organochlorine pesticide residues in human adipose tissue in Veracruz, Mexico: 1988-1997 survey. *Sci Total Environ* 221:201-204.
- *Waliszewski SM, Aguirre AA, Infanzon RM, et al. 1999b. Comparison of organochlorine pesticide levels in adipose tissue and human milk of mothers living in Veracruz, Mexico. *Bull Environ Contam Toxicol* 62(6):685-690.
- *Waliszewski SM, Aguirre AA, Infanzon RM. 1999c. Levels of organochlorine pesticides in blood serum and umbilical blood serum of mothers living in Veracruz, Mexico. *Fresenius Environ Bull* 8:171-178.
- *Waliszewski SM, Aguirre AA, Infanzon RM, et al. 2000a. Comparison of organochlorine pesticide levels in adipose tissue and blood serum from mothers living in Veracruz, Mexico. *Bull Environ Contam Toxicol* 64:8-15.
- Waliszewski SM, Aguirre AA, Infanzon RM, et al. 2000b. Partitioning coefficients of organochlorine pesticides between mother blood serum and umbilical blood serum. *Bull Environ Contam Toxicol* 65:293-299.

9. REFERENCES

- *Waliszewski SM, Aguirre AA, Infanzon RM, et al. 2001. Organochlorine pesticide levels in maternal adipose tissue, maternal blood serum, umbilical blood serum, and milk from inhabitants of Veracruz, Mexico. *Arch Environ Contam Toxicol* 40:432-438.
- *Waliszewski SM, Pardio Sedas VT, Chantiri JN, et al. 1996. Organochlorine pesticide residues in human breast milk from tropical areas in Mexico. *Bull Environ Contam Toxicol* 57:22-28.
- Walters SM. 1986. Cleanup of samples. In: Zweig G, Sherma J, eds. *Analytical methods for pesticides and plant growth regulators*. Vol 15. New York, NY: Academic Press, 67-110.
- *Wania F, Mackay D. 1993. Global fractionation and cold condensation of low volatility organochlorine compounds in polar regions. *Ambio* 22(1):10-18.
- *Wania F, Mackay D. 1995. A global distribution model for persistent organic chemicals. *Sci Total Environ* 160/161:211-232.
- Waters MD, Stack HF, Jackson MA. 1999. Genetic toxicology data in the evaluation of potential human environmental carcinogens. *Mutat Res* 437:21-49.
- Weast RC, ed. 1985. *CRC handbook of chemistry and physics*. Boca Raton, FL: CRC Press, Inc., C-109, C-114.
- *Weiderpass E, Adami HO, Baron JA, et al. 2000. Organochlorines and endometrial cancer risk. *Cancer Epidemiol Biomarkers Prev* 9:487-493.
- Weis IM, Muir DCG. 1997. Geographical variation of persistent organochlorine concentrations in blubber of ringed seal (*Phoca hispida*) from the Canadian Arctic: Univariate and multivariate approaches. *Environ Pollut* 96(3):321-333.
- *Weisenberg E. 1986. Hexachlorobenzene in human milk: A polyhalogenated risk. *IARC Sci Publ* 77:193-200.
- *Weisenberg E, Arad I, Grauer F, et al. 1985. Polychlorinated biphenyls and organochlorine insecticides in human milk in Israel. *Arch Environ Contam Toxicol* 14:517-521.
- *Weistrand C, Noren K. 1998. Polychlorinated naphthalenes and other organochlorine contaminants in human adipose and liver tissue. *J Toxicol Environ Health* 53:293-311.
- Weseloh DV, Hamr P, Bishop CA, et al. 1995. Organochlorine contaminant levels in waterbird species from Hamilton Harbour, Lake Ontario: an IJC area of concern. *J Great Lakes Res* 21(1):121-137.
- Weseloh DVC, Rodrigue J, Blonkpoel H, et al. 1997. Contamination concentrations in eggs of black terns (*Chlidonias niger*) from southern Ontario and southern Quebec, 1989-1996. *Colonial Waterbirds* 20(3):604-616.
- *West JR, Smith HW, Chasis H. 1948. Glomerular filtration rate, effective renal blood flow, and maximal tubular excretory capacity in infancy. *J Pediatr* 32:10-18.

9. REFERENCES

- Westgate AJ, Muir DCG, Gaskin DE, et al. 1997. Concentrations and accumulation patterns of organochlorine contaminants in the blubber of harbour porpoises, *phocoena phocoena*, from the coast of Newfoundland, the gulf of St. Lawrence and the Bay of Fundy/Gulf of Maine. *Environ Pollut* 95(1):105-119.
- *Whitmore RW, Immerman FW, Camann DE, et al. 1994. Non occupational exposures to pesticides for residents of two U.S. cities. *Arch Environ Contam Toxicol* 26(1):47-59.
- WHO. 1984a. Guidelines for drinking-water quality: Volume I: Recommendations. Geneva, Switzerland: World Health Organization, 203-228.
- WHO. 1984b. Guidelines for drinking-water quality: Volume II: Health criteria and other supporting information. Geneva, Switzerland: World Health Organization, 203-228.
- WHO. 1984c. Environmental Health Criteria 41, Quintozene. Geneva: United Nations Environment Programme, the International Labour Organisation, and the World Health Organization.
- *WHO. 1996. Pesticides. Guidelines for drinking water quality. World Health Organization. Lyon, France. http://www.who.int/water_sanitation_health/GDWQ/Summary_tables/Tab2c.htm. May 15, 2002.
- *WHO. 1997. Hexachlorobenzene. Environmental Health Criteria, No. 195. World Health Organization. Lyon, France. [Http://www.who.int/pcs/ehc/summaries/ehc_195.htm](http://www.who.int/pcs/ehc/summaries/ehc_195.htm). May 15, 2002.
- *WI Dept Natural Resources. 1997. Air management program, Control of hazardous pollutants. Wisconsin Department of Natural Resources. <http://www.dnr.state.wi.us/org/aw/air>.
- *Wickstrom K, Pyysalo H, Siimes MA. 1983. Levels of chlordane, hexachlorobenzene, PCB and DDT compounds in Finnish human milk in 1982. *Bull Environ Contam Toxicol* 31:251-256.
- *Widdowson EM, Dickerson JWT. 1964. Chemical composition of the body. In: Comar CL, Bronner F, eds. Mineral metabolism: An advanced treatise. Volume II: The elements Part A. New York: Academic Press.
- *Williams PL, Burson JL. 1985. Biotransformation: A basic liver action upon exogenous chemicals. In: Industrial Toxicology Safety and Health Applications in the Workplace. 83-88, Van Nostrand Reinhold Company, NY.
- Wilson R, Allen-Gil S, Griffin D, et al. 1995. Organochlorine contaminants in fish form an arctic lake in Alaska, USA. *Sci Total Environ* 160/161:511-519.
- Woods SM, Peters HA, Johnson SAM. 1958. Cutaneous porphyria with porphobilinogenuria. *AMA Arch Dermatol* 77:559-567.
- Worthing CR, Walker SB. 1983. Hexachlorobenzene. The pesticide manual. 7th edition. British Crop Protection Council.
- *Yalkowsky SH. 1992. Aquasol database of aqueous solubility. 5th edition. Tucson, AR: University of Arizona, College of Pharmacy.

9. REFERENCES

- *Yamashita N, Tanabe S, Ludwig JP et al. 1992. Embryonic abnormalities and organochlorine contamination in double crested Cormorants (*Phalacrocorax auritus*) and Caspian terns (*Hydroprogne caspia*) from the upper Great Lakes in 1988. *Environ Pollut* 79(2):163-173.
- *Yang RSH, Pittman KA, Rourke DR, et al. 1978. Pharmacokinetics and metabolism of hexachlorobenzene in the rat and the Rhesus monkey. *J Agric Food Chem* 26:1076-1083.
- *Yasuhara A, Shiraishi H, Nishikawa M, et al. 1999. Organic components in leachates from hazardous waste disposal sites. *Waste Manage Res* 17:186-197.
- *Yesair DW, Feder PI, Chin AE, et al. 1986. Development, evaluation and use of a pharmacokinetic model for hexachlorobenzene. *IARC Sci Publ* 77:297-318.
- *Yess NJ, Gunderson EL, Roy RR. 1993. U.S. Food and Drug Administration monitoring of pesticide residues in infant foods and adult foods eaten by infants/children. *J AOAC Int* 76:492-507.
- *Yuan SY, Su CJ, Chang BV. 1999. Microbial dechlorination of hexachlorobenzene in anaerobic sewage sludge. *Chemosphere* 38(5):1015-1023.
- *Zabik ME, Schemmel R. 1980. Influence of diet on hexachlorobenzene accumulation in Osborne Mendel rats. *J Environ Pathol Toxicol* 4:97-103.
- Zabik ME, Booren A, Zabik MJ, et al. 1996. Pesticide residues, PCBs and PAHs in baked, charbroiled, salt boiled and smoked Great Lakes lake trout. *Food Chem* 55(3):231-239.
- *Zabik ME, Zabik MJ, Booren AM, et al. 1995. Pesticides and total polychlorinated biphenyls in chinook salmon and carp harvested from the Great Lakes effects of skin on and skin off processing and selected cooking methods. *J Agric Food Chem* 43(4):993-1001.
- Zahm SH, Ward MH. 1998. Pesticides and childhood cancer. *Environ Health Perspect Suppl* 106(Suppl. 3):893-908.
- Zail SS, Joubert SM. 1968. Hepatic delta aminolevulenic acid synthetase activity in symptomatic porphyria. *Br J Haematol* 15:123.
- Zhang C, Valsaraj KT, Constant WD, et al. 1998. Nutrient and surfactant enhancement for the biodegradation of chlorinated hydrocarbons in the wastewater from a Louisiana superfund site. *J Hazard Mater* 62:41-58.
- *Zheng T, Holford TR, Mayne ST, et al. 1999. Environmental exposure to hexachlorobenzene (HCB) and risk of female breast cancer in Connecticut. *Cancer Epidemiol Biomarkers Prev* 8:407-411.
- *Ziegler EE, Edwards BB, Jensen RL, et al. 1978. Absorption and retention of lead by infants. *Pediatr Res* 12:29-34.
- Zitko V, Hutzinger O. 1976. Uptake of chloro- and bromobiphenyls, hexachloro- and hexabromobenzene by fish. *Bull Environ Contam Toxicol* 16:665-673.
- Zlatkis A, Kim K. 1976. Column elution and concentration of volatile compounds in biological fluids. *J Chromatogr* 126:475-485.