

8. REFERENCES

- *Abraham R, Benitz KF, Mankes R. 1983. Ploidy patterns in hepatic tumors induced by mirex. *Exp Mol Pathol* 38:271-282.
- *Abston PA, Yarbrough JD. 1974. The *in vivo* effects of dietary mirex on hepatic lactic dehydrogenase and glutamic oxaloacetic transaminase levels in the rat. *J Agric Food Chem* 22:66-68.
- *Abston PA, Yarbrough JD. 1976. The *in vivo* effect of mirex on soluble hepatic enzymes in the rat. *Pestic Biochem Physiol* 6:192-199.
- *Adir J, Caplan YH, Thompson BC. 1978. Kepone serum half-life in humans. *Life Sci* 22(8):699-702.
- *Adler CP, Ringlage WP, Bohm N. 1981. [DNA content and cell number in heart and liver of children.] *Pathol Res Pratt* 172:25-41. (German)
- *Agarwal AK, Berndt WO, Mehendale HM. 1983. Possible nephrotoxic effect of carbon tetrabromide and its interaction with chlорdecone. *Toxicol Lett* 1757-62.
- *Agarwal AK, Mehendale HH. 1984a. CC14-induced alterations in Ca²⁺ homeostasis in chlорdecone and phenobarbital pretreated animals. *Life Sci* 34(2):141-148.
- *Agarwal AK, Mehendale HH. 1984d. Perturbation of calcium homeostasis by CC14 in rats pretreated with chlорdecone and phenobarbital. *Environ Health Perspect* 57:289-291.
- *Agarwal AK, Mehendale HM. 1982. Potentiation of bromotrichloromethane hepatotoxicity and lethality by chlорdecone preexposure in the rat. *Fundam Appl Toxicol* 2(4):161-167.
- *Agarwal AK, Mehendale HM. 1983a. Absence of potentiation of bromoform hepatotoxicity and lethality by chlорdecone. *Toxicol Lett* 15(2-3):251-257.
- Agarwal AK, Mehendale HM. 1983b. Effect of adrenalectomy on chlорdecone potentiation of carbon tetrachloride hepatotoxicity. *Fundam Appl Toxicol* 3(6):507-511.
- *Agarwal AK, Mehendale HM. 1983c. Potentiation of carbon tetrachloride hepatotoxicity and lethality by chlорdecone in female rats. *Toxicology* 26(3-4):231-242.
- *Agarwal AK, Mehendale HM. 1984b. Chlорdecone potentiation of carbon tetrachloride hepatotoxicity in ovariectomized rats. *Toxicology* 29(4):315-323.
- *Agarwal AK, Mehendale HM. 1984c. Excessive hepatic accumulation of intracellular calcium in chlорdecone potentiated carbon tetrachloride toxicity. *Toxicology* 30(1): 17-24.
- *Agarwal AK, Mehendale HM. 1986. Effect of chlорdecone on carbon tetrachloride-induced increase in calcium uptake in isolated perfused rat liver. *Toxicol Appl Pharmacol* 83:342-348.

*Cited in text

8. REFERENCES

Agarwal SP, Ahmad A. 1979. Effects of pesticides on reproduction in mammals. *Pesticides* 12(4):33-38.

*Albertson TE, Joy RM, Stark LG. 1985. Chlorinated hydrocarbon pesticides and amygdaloid kindling. *Neurobehav Toxicol Teratol* 7(3):233-237.

*Albrecht WN. 1987. Central nervous system toxicity of some common environmental residues in the mouse. *J Toxicol Environ Health* 21(4):405-421.

Albnght R, Johnson N, Sanderson TW, et al. 1974. Pesticide residues in the top soil of five West Alabama counties. *Bull Environ Contam Toxicol* 12(3):378-384.

Albro PW. 1979. Problems in analytic methodology: Sample handling extraction and cleanup. In: Nicholson WJ, Moore JA, eds. *Annals of the New York Academy of Sciences, Health Effects of Halogenated Aromatic Hydrocarbons International Symposium*, New York, NY, USA, June 24-27, 1978. New York, NY: New York Academy of Sciences, 320:19-27.

Albro PW, Parker CE. 1972. General approach to the fractionation and class determination of complex mixtures of chlorinated aromatic compounds. *J Chromatogr* 197(2):155-169.

*Aldous CN, Chetty CS, Desaiah D. 1983. Alterations in tissue distribution of chlordecone (Kepone) in the rat following phenobarbital or SKF-525A administration. *J Toxicol Environ Health* 11(3):365-372.

*Aldous CN, Chetty CS, Mehendale HM, et al. 1984. Lack of effects of chlordecone on synthesis rates, steady-state levels and metabolites of catecholamines in rat brain. *Neurotoxicology* 5(2):59-65.

*Ali SF, Hong JS, Wilson WE, et al. 1982. Subchronic dietary exposure of rats to chlordecone (Kepone) modifies levels of hypothalmic -endorphin. *Neurotoxicology* 3(2):119-124.

*Allan RJ, Ball AJ. 1990. An overview of toxic contaminants in water and sediments of the Great Lakes: Part I. *Water Pollution Research Journal of Canada* 25(4):387-505.

Allan RJ, Campbell PGC, Foerstner U, et al. 1990. International symposium on fate and effects of toxic chemicals in large rivers and their estuaries, Quebec City , Quebec Canada, October 10-14 1988. *Sci Total Environ* 97-98(0):1-867.

Alley EG, Dollar DA, Layton BR, et al. 1973. Photochemistry of mirex. *J Agric Food Chem* 21(1):138-139.

*Alley EG, Layton BR, Minyard JP Jr. 1974. Identification of the photoproducts of the insecticides mirex and Kepone. *J Agric Food Chem* 22(3):442-445.

*Anderson BM, Kohler ST, Young RW. 1978. Interactions of Kepone with rabbit muscle lactate dehydrogenase. *J Agric Food Chem* 26(1): 130-133.

*Anderson BM, Noble C Jr. 1977. In vitro inhibition of lactate dehydrogenases by Kepone. *J Agric Food Chem* 25(1):28-31.

8. REFERENCES

- Anderson BM, Noble C Jr, Gregory EM. 1977. Kepone inhibition of malate dehydrogenases. *J Agric Food Chem* 25(3):485-489.
- Anderson HA. 1985. Utilization of adipose tissue biopsy in characterizing human halogenated hydrocarbon exposure. *Environ Health Perspect* 60: 127- 131.
- *Andrade P Jr, Wheeler WB, Carlson DA. 1975. Identification of a mirex metabolite. *Bull Environ Contam Toxicol* 14(4):473-479.
- *Andrade PS Jr, Wheeler WB. 1974. Biodegradation of mirex by sewage sludge organisms. *Bull Environ Contam Toxicol* 11(5):415-416.
- Anonymous. 1970. Oral toxicity of mirex in adult and suckling rats, with notes on the ultrastructure of liver changes. *Arch Environ Health* 21(1):7-14.
- *Anonymous. 1976a. Report on carcinogenesis bioassay of technical grade chlordcone (Kepone) availability. *Clin Toxicol* 9(4):603-607.
- *Anonymous. 1976b. Report on carcinogenesis bioassay of technical grade chlordcone (Kepone). *Am Ind Hyg Assoc J* 37(12):680-681.
- Anonymous. 1978. Cholestyramine effective against Kepone. *Bioscience* 28(4):292.
- Anonymous. 1982. Chlordcone neurotoxicity. *Neurotoxicology* 3(2):1-61.
- Anonymous. 1991. Mirex. Community of European Communities, [Rep] EUR(EUR 13765), *Toxicol. Chem., Ser 1: Carcinogenesis* 3:155-8.
- *Arimoto R. 1989. Atmospheric deposition of chemical contaminants to the Great Lakes. *Journal of Great Lakes Research* 15(2):339-356.
- *Aronstam RS, Hong JS. 1986. Interactions of chlordcone (Kepone) and mirex with the nicotinic acetylcholine receptor - ion channel complex. *Toxicol Lett* 30(3):247-251.
- *Arthur CL, Pratt K, Motlach S, et al. 1992. Environmental analysis of organic compounds in water using solid-phase microextraction. *J High Resolut Chromatogr* 15(11):741-744.
- *Aslanzadeh J, Hedrick HG. 1985. Search for mirex-degrading soil microorganisms. *Soil Science* 139(4):369-374.
- *ASTM. 1991. Standard practice for sampling and analysis of pesticides and polychlorinated biphenyls in indoor atmospheres. American Society for Testing and Materials. ASTM designation D 4861-91. p366-379.
- *Atallah YH, Dorough HY. 1975. Insecticide residues in cigarette smoke, transfer and fate in rats. *J Agric Food Chem* 23:64-71.
- *ATSDR. 1989. Decision guide for identifying substance-specific data needs related to toxicological profiles. Atlanta, GA: Agency for Toxic Substances and Disease Registry.

8. REFERENCES

- *Ault JA, Spurgeon TE. 1984. Multiresidue gas chromatographic method for determining organochlorine pesticides in poultry fat: Collaborative study. *J Assoc Off Anal Chem* 67(2):284-289.
- Aw C. 1987. Workplace exposures causing male infertility. *Occup Health (Lond)* 39(10):326-328.
- Bacci E, Calamari D, Gaggi C, et al. 1990a. Bioconcentration of organic chemical vapors in plant leaves: Experimental measurements and correlation. *Environ Sci Technol* 24:885-889.
- *Bacci E, Cerejeira MJ, Gaggi C, et al. 1990b. Bioconcentration of organic chemical vapours in plant leaves: The azalea model. *Chemosphere* 21:525-535.
- Bacci E, Cerejeira MJ, Gaggi C, et al. 1992. Chlorinated dioxins: Volatilization from soils and bioconcentration in plant leaves. *Bull Environ Contam Toxicol* 48:401-408.
- Baggett JM, Klein RL, Mehendale HM, et al. 1977. Acute Kepone treatment of rats: A biochemical and ultrastructural study. *Pharmacologist* 19(2): 199.
- *Baggett JM, Thureson-Klein A, Klein RL. 1980. Effects of chlordcone on the adrenal medulla of the rat. *Toxicol Appl Pharmacol* 52:313-322.
- *Bahner LH, Wilson AJ Jr, Sheppard JM, et al. 1977. Kepone bioconcentration, accumulation, loss and transfer through estuarine food chains. *Chesapeake Science* 18:299-308.
- Baker EL, Feldman RG, French JG. 1990. Environmentally related disorders of the nervous system. *Med Clin North Am* 74(2):325-346.
- Baker EL Jr. 1983. Neurological disorders. *Environmental and Occupational Medicine* 84:313-327.
- *Baker RC, Coons LB, Mailman RB, et al. 1972. Induction of hepatic mixed function oxidases by the insecticide mirex. *Environ Res* 5:418-424.
- *Bale SS. 1983. Cytological effects of Kepone on Chinese hamster cells. *J Hered* 74(2):123-124.
- Bandiera S, Ryan DE, Levin W, et al. 1986. Age- and sex-related expression of cytochromes P450f and P450g in rat liver. *Arch Biochem Biophys* 248(2):658-676.
- *Bansal SK, Desaiah D. 1982. Effects of chlordcone and its structural analogs on p-nitrophenyl phosphatase. *Toxicol Lett* 12(2-3):83-90.
- *Bansal SK, Desaiah D. 1985. Chlordcone toxicity: Effect of withdrawal of treatment on ATPase inhibition. *Neurotoxicology* 6(3): 103-107.
- Barchielli A, Buiatti E, Franchini M, et al. 1982. Male infertility and occupational exposure to chemical agents: A review. *Med Lav* 73:483-495.
- Barlow SM, Sullivan FM. 1982. Chlordcone. In: *Reproductive hazards of industrial chemicals*. London, England: Academic Press, 212-229.

8. REFERENCES

- *Barnes DG, Dourson M. 1988. Reference dose (RfD): Description and use in health risk assessments. *Regul Toxicol Pharmacol* 8:471-486.
- Barrett JC, Huff J. 1991. Cellular and molecular mechanisms of chemically induced renal carcinogenesis. *Renal Failure* 13(4):211-226.
- *Baselt RC. 1980. Chlordcone. In: *Biological monitoring methods for industrial chemicals*. Davis, CA: Biomedical Publications, 76-78.
- *Baughman GL, Paris DF. 1981. Microbial bioconcentration of organic pollutants from aquatic systems-a critical review. *CRC Crit Rev Microbial* 205-228.
- *Bell AN, Mehendale HM. 1985. The effect of dietary exposure to a mirex plus chlordcone combination on carbon tetrachloride hepatotoxicity. *Fundam Appl Toxicol* 5(4):679-687.
- *Bell AN, Mehendale HM. 1987. Comparative changes in hepatic DNA, RNA, protein, lipid, and glycogen induced by a subtoxic dose of carbon tetrachloride in chlordcone, mirex, and phenobarbital pretreated rats. *Toxicol Lett* 35(2-3):191-200.
- *Bell AN, Young RA, Lockard VG, et al. 1988. Protection of chlordcone-potentiated carbon tetrachloride hepatotoxicity and lethality by partial hepatectomy. *Arch Toxicol* 61:392-405.
- *Bender MA, Huggett RJ. 1984. Fate and effects of Kepone in the James River. *Rev Environ Tox* 1:5-51.
- Benet H, Fujimori K, Ho IK. 1985. The basal ganglia in chlordcone-induced neurotoxicity in the mouse. *Neurotoxicology* 6(1):151-158.
- Benitz KF, Roth RN, Coulston F. 1977. Morphologic characteristics of hepatic nodules induced by mirex and dieldrin in mice. *Toxicol Appl Pharmacol* 41(l): 154-1 55.
- Bennington JL, ed. 1978. *Pathology of peripheral nerve: Chapter 4. Metabolic and toxic polyneuropathies*. Major Probl Path01 9:72-95.
- Benoit FM, Lebel GL. 1986. Precision and accuracy of concurrent multicomponent multiclass analysis of drinking water extracts by gas chromatography-mass spectrometry. *Bull Environ Contam Toxicol* 37(5):686-691.
- *Berman EF, Schaus P, Fujimoto JM. 1986. Comparison of the inhibition of biliary excretion produced by certain inducing agents including 2,3,7,8-tetrachlorodibenzo-p-dioxin. *J Toxicol Environ Health* 17(4):395-403.
- Bernstein ME. 1984. Agents affecting the male reproductive systems: Effects of structure on activity. *Drug Metab Rev* 15:941-996.
- *Bianchi AP, Vamey MS. 1993. Sampling and analysis of volatile organic compounds in estuarine air by gas chromatography and mass spectrometry. *J Chromatogr* 643(1):1 l-23.

8. REFERENCES

- Bischoff KB. 1980. Current applications of physiological pharmacokinetics. *Fed Proc Fed Am Soc Exp Biol* 39(7):2456-2459.
- *Blanke RV, Fariss MW, Griffith Jr FD, et al. 1977. Analysis of chlordcone (Kepone) in biological specimens. *J Anal Toxicol* 1(2):57-62.
- *Blanke RV, Fariss MW, Guzelian PS, et al. 1978. Identification of a reduced form of chlordcone (Kepone) in human stool. *Bull Environ Contam Toxicol* 20:782-785.
- *Bloomquist JR, Adams PM, Soderlund DM. 1986. Inhibition of gamma-aminobutyric acid-stimulated chloride flux in mouse brain vesicles by polychlorocycloalkane and pyrethroid insecticides. *Neurotoxicology* 7(3): 1 l-20.
- Bloomquist JR, Shankland DL. 1983. The mode of action and neurotoxicity of mirex, chlordcone, and four hydrogenated mirex analogs. *Pestic Biochem Physiol* 19(3):235-242.
- Bolognesi C, Taningher M, Parodi S, et al. 1986. Quantitative predictivity of carcinogenicity of the autoradiographic repair test (primary hepatocyte cultures) for a group of 80 chemicals belonging to different chemical classes. *Environ Health Perspect* 70:247-53.
- Bondy SC. 1989. Intracellular calcium and neurotoxic events. *Neurotoxicol Teratol* 11(6):527-532.
- *Bandy SC, Halsall LC. 1988. GM1 ganglioside enhances synaptosomal resistance to chemically induced damage. *Neuroscience Letters* 84(2):229-233.
- Bondy SC, Hong JS. 1987. Modulation of adrenal ornithine decarboxylase by chlordcone, p,p'-DDT and permethrin. *Neurotoxicology* 8(1): 15-22.
- Bondy SC, Komulainen H. 1988. Intracellular calcium as an index of neurotoxic damage. *Toxicology* 49(1):35-41.
- *Bandy SC, Martin J, Halsall LC, et al. 1989. Increased fragility of neuronal membranes with aging. *Exp Neurol* 103:61-63.
- *Bandy SC, McKee M. 1990. Prevention of chemically induced synaptosomal changes. *J Neurosci Res* 25(2):229-235.
- Bondy SC, McKee M, Davoodbhoy YM. 1990a. Prevention of chemically induced changes in synaptosomal membrane order by ganglioside GM1 and alpha-tocopherol. *Biochim Biophys Acta* 1026(2):213-19.
- *Bandy SC, McKee M, Le Bel CP. 1990b. Changes in synaptosomal pH and rates of oxygen radical formation induced by chlordcone. *Mol Chem Neuropathol* 13(1-2):95-106.
- *Bong RL. 1975. Determination of hexachlorobenzene and mirex in fatty products. *J Assoc Off Anal them* 58(3):557-561.
- *Bong RL. 1977. Collaborative study of the recovery of hexachlorobenzebe and mirex in butterfat and fish. *J Assoc Off Anal Chem* 60(1):229-232.

8. REFERENCES

- *Borsetti AP, Roach JA. 1978. Identification of Kepone alteration products in soil and mullet. *Bull Environ Contam Toxicol* 20(2):241-247.
- *Borzelleca JF, Skalsky HL. 1980. The excretion of pesticides in saliva and its value in assessing exposure. *J Environ Sci Health [B]* 15(6):843-866.
- Borzsonyi M, Torok G, Pinter A, et al. 1984. Agriculturally-related carcinogenic risk. *IARC Sci Publ* 56:465-86.
- *Bayer PD, Chance B, Emester L, et al. 1977. Oxidative phosphorylation and photophosphorylation. *Annu Rev Biochem* 46:955-1026.
- *Boylan JJ, Cohn WJ, Egle JL Jr, et al. 1979. Excretion of chlordcone by the gastrointestinal tract: Evidence for a nonbiliary mechanism. *Clin Pharmacol Ther* 25:579-585.
- *Boylan JJ, Egle JL, Guzelian PS. 1978. Cholestyramine: Use as a new therapeutic approach for chlordcone (Kepone) poisoning. *Science* 199:893-895.
- Bracken WM, Sharma RP, Kleinschuster SJ. 1981. The effects of select neurotoxic chemicals on synaptosomal monoamine uptake and potassium-dependent phosphatase. *Fundam Appl Toxicol* 1(6):432-436.
- *Bristol DW, Howard LC, Lewis RG, et al. 1982. Chemical analysis of human blood for assessment of environmental exposure to semivolatile organochlorine chemical contaminants. *J Anal Toxicol* 6:269-275.
- *Britton RS, Dolak JA, Glende EA Jr, et al. 1987. Potentiation of carbon tetrachloride hepatotoxicity by chlordcone: Dose-response relationships and increased covalent binding *in vivo*. *J Biochem Toxicol* 2:43-55.
- Broomhall J, Kovar IZ. 1986. Environmental pollutants in breast milk. *Rev Environ Health* 6:31 1-337.
- *Brewer GR, Ramkrishnadas R. 1982. Industrial wastes: Solid wastes and water quality. *J Water Pollut Control Fed* 54(6):749-754.
- *Brown HE, Salamanca S, Stewart G, et al. 1991. Chlordcone (Kepone) on the night of proestrus inhibits female sexual behavior in CDF-344 rats. *Toxicol Appl Pharmacol* 110(1):97-106.
- Brown LD, Wilson DE, Yarbrough JD. 1988. Alterations in the hepatic glucocorticoid response to mirex treatment. *Toxicol Appl Pharmacol* 92:203-213.
- *Brown LD, Yarbrough JD. 1988. Mirex uptake and tissue disposition in intact and adrenalectomized rats. *Toxicol Appl Pharmacol* 92(3):343-350.
- *Buelke-Sam J, Byrd RA, Nelson CJ. 1983. Blood flow during pregnancy in the rat: III. Alterations following mirex treatment. *Teratology* 27(3):401-410.

8. REFERENCES

- Bulger WH, Kupfer D. 1983a. Effect of xenobiotic estrogens and structurally related compounds on 2-hydroxylation of estradiol and on other monooxygenase activities in rat liver. *Biochem Pharmacol* 32(6):1005-1010.
- Bulger WH, Kupfer D. 1983b. Estrogenic action of DDT analogs. *Am J Ind Med* 4(1-2):163-173.
- *Bulger WH, Kupfer D. 1985. Estrogenic activity of pesticides and other xenobiotics on the uterus and male reproductive tract. In: Thomas JA, Korach J, McLachlan JA, eds. *Target organ toxicology series: Endocrine toxicology*. New York, NY: Raven Press, 1-34.
- *Bulger WH, Muccitelli RM, Kupfer D. 1979. Studies on the estrogenic activity of chlordcone (Kepone) in the rat: Effects on uterine estrogen receptor. *Mol Pharmacol* 15(3):515-524.
- Bungay PM, Dedrick RL, Matthews HB. 1979. Pharmacokinetics of halogenated hydrocarbons. *Ann N Y Acad Sci* 320:257-270.
- *Bungay PM, Dedrick RL, Matthews HB. 1981. Enteric transport of chlordcone (Kepone) in the rat. *J Pharmacokinet Biopharm* 9(3):309-341.
- Bungay PM, Dedrick RL, Matthews HB. 1982. Physiological modeling of enteric transport. Air Force Aerospace Medical Research Laboratory, Proceedings of the 12th Conference on Environmental Toxicology, 1981, 287-298.
- Burchfield HP, Storm EE, Kraybill HF. 1975. The maximum tolerated dose in pesticide carcinogenicity studies. *Environ Qual Saf Suppl* 3:599-603.
- Burke JA. 1980. Report on organochlorine pesticides. *J Assoc Off Anal Chem* 63(2):277-282.
- *Burse VW, Head SL, McClure PC, et al. 1989. Partitioning of mirex between adipose tissue and serum. *J Agric Food Chem* 37(3):692-699.
- *Bush B, Barnard EL. 1982. Determination of nonpolar chlorinated hydrocarbons and polychlorinated biphenyls in microsamples. *Anal Lett* 15(20):1643-1648.
- Bush B, Bennett AH, Snow JT. 1986. Polychlorobiphenyl congeners, p,p'-DDE, and sperm function in humans. *Arch Environ Contam Toxicol* 15(4):333-341.
- *Bush B, Snow J, Connor S, et al. 1983a. Mirex in human milk in upstate New York. *Arch Environ Contam Toxicol* 12(6):739-746.
- Bush B, Snow J, Koblitz R. 1984. Polychlorobiphenyl (PCB) congeners, p,p'-DDE, and hexachlorobenzene in maternal and fetal cord blood from mothers in upstate New York. *Arch Environ Contam Toxicol* 13(5):517-527.
- *Bush B, Snow JT, Connor S. 1983b. High resolution gas chromatographic analysis of nonpolar chlorinated hydrocarbons in human milk. *J Assoc Off Anal Chem* 66(2):248-255.
- *Butler PA. 1973. Residues in fish, wildlife, and estuaries: Organochlorine residues in estuarine mollusks, 1965-72--National Pesticide Monitoring Program. *Pestic Monit J* 6(4):238-362.

8. REFERENCES

- Butler WH, Jones G. 1978. Pathological and toxicological data on chlorinated pesticides and phenobarbital. *Ecotoxicol Environ Safety* 1(4):502-509.
- Byard JL, Koepke UC, Abraham R, et al. 1974. Biochemical changes produced in the liver by mirex. *Toxicol Appl Pharmacol* 29: 126- 127.
- *Byard JL, Koepke UC, Abraham R, et al. 1975. Biochemical changes in the liver of mice fed mirex. *Toxicol Appl Pharmacol* 33:70-77.
- *Byard JL, Pittman KA. 1975. Early liver changes produced by mirex and their reversibility. *Toxicol Appl Pharmacol* 33:130.
- *Byrd RA, Kimmel CA, Morris MD, et al. 1981. Altered pattern of prenatal toxicity in rats due to different treatment schedules with mirex. *Toxicol Appl Pharmacol* 60(2):213-219.
- *Byrd RA, Young JF, Kimmel CA, et al. 1982. Computer simulation of mirex pharmacokinetics in the rat. *Toxicol Appl Pharmacol* 66: 182-192.
- Cabral JR, Raitano F, Mollner T, et al. 1979. Acute toxicity of pesticides in hamsters. *Toxicol Appl Pharmacol* 48:A192
- *Cai Z, Mehendale HM. 1990. Lethal effects of carbon tetrachloride and its metabolism by Mongolian gerbils pretreated with chlordanone, phenobarbital, or mirex. *Toxicol Appl Pharmacol* 104(3):511-520.
- *Cai Z, Mehendale HM. 1991a. Protection from CC14 toxicity by prestimulation of hepatocellular regeneration in partially hepatectomized gerbils. *Biochemical Pharmacology* 42(3):633-644.
- *Cai Z, Mehendale HM. 1991b. Hepatotoxicity and lethality of halomethanes in Mongolian gerbils pretreated with chlordanone, phenobarbital or mirex. *Arch Toxicol* 65(3):204-212.
- *Cai Z, Mehendale HM. 1993. Resiliency to amplification of carbon tetrachloride hepatotoxicity by chlordanone during postnatal development in rats. *Pediatric Research* 33(3):225-232.
- *Caille G, Plaa GL, Vezina M. 1987. Gas-liquid chromatographic determination of chlordanone and mirex in biological specimens. *J Toxicol Clin Exp* 7(1):21-29.
- *Cairns T, Chiu KS, Navarro D, et al. 1993. Multiresidue pesticide analysis by ion-trap mass spectrometry. *Rapid Commun Mass Spectrom* 7(11):971-988.
- Cairns T, Siegmund EG, Doose GM. 1982. Liquid chromatography-mass spectrometry of Kepone hydrate, Kelevan and mirex. *Anal Chem* 54(6):953-957.
- *Caldwell V, Loch-Caruso R. 1992. Chlordanone rapidly and reversibly inhibits gap junctional communication in human embryonic palatal mesenchyme cells. *In vitro Toxicol* 5(2): 113-122.
- Campbell MA, Gyorkos J, Leece B, et al. 1983. The effects of twenty-two organochlorine pesticides as inducers of the hepatic drug-metabolizing enzymes. *Gen Pharmacol* 14(4):445-454.

8. REFERENCES

- *Cannon SB, Kimbrough RD. 1979. Short-term chlordcone toxicity in rat including effects on reproduction, pathological organ changes and their reversibility. *Toxicol Appl Pharmacol* 47:469-476.
- *Cannon SB, Veazey JM, Jackson RS, et al. 1978. Epidemic Kepone poisoning in chemical workers. *Am J Epidemiol* 107:529-537.
- *Caplan YH, Thompson BC, Hebb JH. 1979. A method for the determination of chlordcone (Kepone) in human serum and blood. *J Anal Toxicol* 3(5):202-205.
- *Cardinali FL, McGraw JM, Ashley DL, et al. 1994. Production of blank water for the analysis of volatile organic compounds in human blood at the low parts-per-trillion level. *J Chromatogr Sci* 32(1):41-45.
- *Carlson DA, Konyha KD, Wheeler WB, et al. 1976. Mirex in the environment: Its degradation to Kepone and related compounds. *Science* 194(4268):939-941.
- *Carlson J, Abraham R. 1985. Nuclear ploidy of neonatal rat livers: Effects of two hepatic carcinogens (mirex and dimethylnitrosamine). *J Toxicol Environ Health* 15(5):551-559.
- *Carmines EL, Carchman RA, Borzelleca JF. 1979. Kepone: Cellular sites of action. *Toxicol Appl Pharmacol* 49:543-550.
- Carnes RA. 1978. Combustion characteristics of hazardous waste streams. *Proc Annu Meet Air Pollut Control Assoc Paper* 78-37.515:1-15.
- Carpenter HM, Curtis LR. 1989. A characterization of chlordcone pretreatment-altered pharmacokinetics in mice. *Drug Metab Dispos* 17(2):131-8.
- Carpenter HM, Curtis LR. 1991. Low dose chlordcone pretreatment altered cholesterol disposition without induction of cytochrome P-450. *Drug Metab Dispos* 19(3):673-8.
- *Carriere R. 1969. The growth of liver parenchymal nuclei and its endocrine regulation. *Int Rev Cytol* 25:201-277.
- *Carter RE Jr., Thomas MJ, Marotz GA, et al. 1992. Compound detection and concentration estimation by open-path Fourier transform infrared spectrometry and canisters under controlled field conditions. *Environ Sci Technol* 26(11):2175-2181.
- *Carver RA, Griffith FD. 1979. Determination of Kepone (chlordcone) dechlorination products in finfish, oysters, and crustaceans. *J Agric Food Chem* 27(5):1035-1037.
- *CELDS. 1994. Computer-aided Environmental Legislative Data Systems. University of Illinois, Urbana, IL. September 1994.
- *Chadwick RW, Chadwick CJ, Freal JJ, et al. 1977. Comparative enzymes induction and lindane metabolism in rats pre-treated with various organochlorine pesticides. *Xenobiotica* 7(4):235-246.
- *Chadwick RW, Copeland MF, Rosenstein L. 1979. The effect of Kepone exposure during gestation and lactation on the metabolism of lindane by weanling rats. *Toxicol Lett* 4(4):247-252.

8. REFERENCES

- *Chambers JE, Case RS, Alley EG, et al. 1982. Short-term fate of mirex and 2,8-dihydromirex in rats. *J Agric Food Chem* 30:378-382.
- *Chambers JE, Trevethan CA. 1983. Effect of mirex, dechlorinated mirex derivatives and chlordecone on microsomal mixed-function oxidase activity and other hepatic parameters. *Toxicol Lett* 16:109-115.
- Chambers JE, Yarbrough JD. 1979. Disposition and excretion of mirex, 2,8-dihydromirex and 5,10-dihydromirex by adult rats. *Fed Proc Fed Am Soc Exp Biol* 38:266.
- Chan CH, Perkins LH. 1989. Monitoring of trace organic contaminants in atmospheric precipitation. *Journal of Great Lakes Research* 15(3):465-475.
- *Chang-Tsui YYH, Ho IK. 1979. Effects of Kepone (chlordecone) on synaptosomal g-aminobutyric acid uptake in the mouse. *Neurotoxicology* 1(2):357-367.
- *Chang-Tsui YYH, Ho IK. 1980. Effect of Kepone (chlordecone) on synaptosomal catecholamine uptake in the mouse. *Neurotoxicology* 1(3):643-651.
- *Charles AK, Rosenbaum DP, Ashok L, et al. 1985. Uptake and disposition of mirex in hepatocytes and subcellular fractions in CD1 mouse liver. *J Toxicol Environ Health* 15:395-403.
- Chau ASY. 1970. Analysis of mirex in lake sediments: Problems and solutions. *Environmental Science Research* 16:141-144.
- *Chau ASY, Babjak LJ. 1979. Column chromatographic determination of mirex, photomirex, and polychlorinated biphenyls in lake sediments. *J Assoc Off Anal Chem* 62(1):107-113.
- Chau ASY, Carron JM, Tse H. 1978. Confirmation of pesticide residues identity: X. Mirex. *J Assoc Off Anal Chem* 61(6):1475-1480.
- *Chaudhury S, Mehendale HM. 1991. Amplification of carbon tetrachloride toxicity by chlordecone: Destruction of rat hepatic microsomal cytochrome P-450 subpopulation. *J Toxicol Environ Health* 32(3):277-294.
- *Chen PH, Tilson HA, Marbury GD, et al. 1985. Effect of chlordecone (Kepone) on the rat brain concentrations of 3-methoxy-4-hydroxyphenylglycol: Evidence for a possible involvement of the norepinephrine system in chlordecone-induced tremor. *Toxicol Appl Pharmacol* 77:158-164.
- *Chernoff N, Kavlock RJ. 1982. An *in vivo* teratology screen utilizing pregnant mice. *J Toxicol Environ Health* 10(4-5):541-550.
- Chernoff N, Kavlock RJ. 1983. A teratology test system which utilizes postnatal growth and viability in the mouse. *Environ Sci Res* 27 Short-Term Bioassays Anal Complex Environ Mixtures (3):417-427.
- *Chernoff N, Linder RE, Scott TM, et al. 1979a. Fetotoxicity and cataractogenicity of mirex in rats and mice with notes on Kepone. *Environ Res* 18:257-269.

8. REFERENCES

- *Chernoff N, Rogers EH. 1976. Fetal toxicity of Kepone 38:189-194. in rats and mice. *Toxicol Appl Pharmacol*
- *Chernoff N, Stevens JT, Rogers EH. 1979b. Perinatal toxicology of mirex administered in the diet: I. Viability, growth, cataractogenicity and tissue levels. *Toxicol Lett* 4:263-268.
- Chetty CS, Aldous CN, Desaiah D. 1983a. Sensitivity of rat brain ATPase system to structurally related organochlorine pesticides. *Indian Journal of Comparative Animal Physiology* 1(1): 107-1 13.
- *Chetty KN, Brown K, Walker J, et al. 1993c. Effects of chlordcone and malnutrition on immune response in rats. *Life Sci* 52:175-180.
- *Chetty KN, Walker J, Brown K, et al. 1993a. The effects of dietary calcium and chlordcone on cholinesterase, triglycerides, low density lipoproteins, and cholesterol in serum of rat. *Arch Environ Contam Toxicol* 24:365-367.
- *Chetty KN, Walker J, Brown K, et al. 1993b. Influence of dietary calcium on chlordcone-induced biochemical changes in serum of rat. *Ecotoxicol Environ Safety* 26:248-252.
- *Chetty SC, Aldous CN, Rashatwar SS, et al. 1983b. Effect of chlordcone on pH- and temperature-dependent substrate activation kinetics of rat brain synaptosomal ATPases. *Biochem Pharmacol* 32(21):3205-3211.
- *Chu I, Villeneuve DC, Becking GC, et al. 1980a. Short-term study of the combined effects of mirex, photomirex, and Kepone with halogenated biphenyls in rats. *J Toxicol Environ Health* 6:421-432.
- *Chu I, Villeneuve DC, Becking GC, et al. 1980b. Tissue distribution and elimination of 2,8-dihydromirex in the rat. *J Toxicol Environ Health* 6:713-721.
- *Chu I, Villeneuve DC, MacDonald BL, et al. 1981a. Reversibility of the toxicological changes induced by photomirex and mirex. *Toxicology* 21:235-250.
- Chu I, Villeneuve DC, Secours V, et al. 1979b. The absorption, distribution and excretion of photomirex in the rat. *Drug Metab Dispos* 7:24-27.
- *Chu I, Villeneuve DC, Secours V, et al. 1980c. 2,8-Dihydromirex: A twenty-eight day sub-acute toxicity study in the rat. *J Environ Sci Health* 15(1):87-107.
- *Chu I, Villeneuve DC, Secours VE, et al. 1981b. Effects of photomirex and mirex on reproduction in the rat. *Toxicol Appl Pharmacol* 60:549-556.
- *Chu I, Villeneuve DC, Valli VE, et al. 1981c. Chronic toxicity of photomirex in the rat. *Toxicol Appl Pharmacol* 59:268-278.
- Chu I, Villeneuve DC, Viau A. 1982. Tissue distribution and elimination of photomirex in squirrel monkeys. *Bull Environ Contam Toxicol* 29(4):434-439.

8. REFERENCES

- Chu I, Villeneuve DC, Becking GC, et al. 1979a. Tissue distribution and metabolic excretion of 2,8-dihydromirex in the rat. *Pharmacologist* 21(3):236.
- Cianflone DJ, Hewitt WR, Plaa GL. 1979. Acute alteration of chloroform-induced hepatotoxicity by mirex and Kepone. *Toxicol Appl Pharmacol* 48(1):A156
- *Cianflone DJ, Hewitt WR, Villeneuve DC, et al. 1980. Role of biotransformation in the alterations of chloroform hepatotoxicity produced by Kepone and mirex. *Toxicol Appl Pharmacol* 53:140-149.
- Clark DE. 1977. The effect of hexachlorobenzene on *in vivo* biotransformation, residue deposition, and elimination of certain exogenous compounds and on body weight and organ weight in the rat. *Dissertation Abstracts International: B-The Sciences and Engineering* 37(12 Pt. 1):6087-B.
- 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(3):600-608.
- *Clark JR, Devault D, Bowden RJ, et al. 1984. Contaminant analysis of fillets from Great Lakes (USA, Canada) coho salmon, 1980. *Journal of Great Lakes Research* 10(1):38-47.
- Clark KE, Gobas FAPC, Mackay D. 1990. Model of organic chemical uptake and clearance by fish from food and water. *Environ Sci Technol* 24:1203-1213.
- Coats JR. 1987. Toxicology of pesticide residues in foods. In: Hathcock JN, ed. *Nutrition: Basic and applied science: A series of monographs: Nutritional toxicology*. Vol II. San Diego, CA: Academic Press, Inc., 0(0):249-280.
- Cochran RC, Wiedow MA. 1984. Chlordecone lacks estrogenic properties in the male rat. *Toxicol Appl Pharmacol* 76:519-525.
- *Cohn WJ, Boylan JJ, Blanke RV, et al. 1978. Treatment of chlordecone (Kepone) toxicity with cholestyramine: Results of a controlled trial. *N Engl J Med* 298:243-248.
- *Colwell RR, McNicol LA, Omdorff SA, et al. 1981. Microbial degradation of Kepone in the Chesapeake Bay. College Park, MD: University of Maryland, Water Resources Research Center.
- *Cook LL, Edens FW, Tilson HA. 1988a. Possible brainstem involvement in the modification of thermoregulatory processes by chlordecone in rats. *Neuropharmacology* 27(9):871-879.
- *Cook LL, Edens FW, Tilson HA. 1988b. Pharmacological evaluation of central adrenergic involvement in chlordecone-induced hypothermia. *Neuropharmacology* 27(9):881-887.
- Cook LL, Gordon CJ, Tilson HA, et al. 1987. Chlordecone-induced effects on thermoregulatory processes in the rat. *Toxicol Appl Pharmacol* 90:126-134.
- Cooper JR, Vodicnik MJ, Gordon JH. 1985. Effects of perinatal Kepone exposure on sexual differentiation of the rat brain. *Neurotoxicology* 6(1): 183-190.

8. REFERENCES

- Cooper RL, Goldman JM, Rehnberg GL. 1986. Pituitary function following treatment with reproductive toxins. *Environ Health Perspect* 70:77-184, 86
- Corneliussen PE, McCully KA, McMahon B, et al. 1984. Pesticide and industrial chemical residues. In: Williams S, ed. *Official methods of analysis of the Association of Official Analytical Chemists*. 14th ed. Arlington, VA: Association of Official Analytical Chemists, Inc., 533-562.
- Costa LG. 1992. Effect of neurotoxicants on brain neurochemistry. In: Tilson HA, Mitchell CL, eds. *Target organ toxicology series: Neurotoxicology*. New York, NY: Raven Press, 101-124.
- Cote MG, Plaa GL, Valli VE, et al. 1985. Subchronic effects of a mixture of persistent chemicals found in the Great Lakes. *Bull Environ Contam Toxicol* 34(2):285-290.
- *Gripe CR, Livingston RJ. 1977. Dynamics of mirex and its principal photoproducts in a simulated marsh system. *Arch Environ Contam Toxicol* 5(3):295-303.
- Crouch LS, Ebel RE. 1987a. Benzo[a]pyrene metabolism in the Mongolian gerbil: Influence of chlordanne and mirex induction. *Xenobiotica* 17(7):859-67.
- *Crouch LS, Ebel RE. 1987b. Influence of chlordanne and mirex exposure on benzo[a]pyrene metabolism of rat-liver microsomes. *Xenobiotica* 17:25-34.
- Curtis LR. 1984. Impaired biliary excretion of taurocholate associated with increased biliary tree permeability in mirex or chlordanne treated rats. *Proc West Pharmacol Soc* 27:475.
- *Curtis LR. 1988. Chlordanne is a potent *in vitro* inhibitor of oligomycin-insensitive magnesium-ATPase of rat bile canaliculi-enriched fraction. *J Biochem Toxicol* 3(Winter):321-328.
- *Curtis LR, Hoyt D. 1984. Impaired biliary excretion of taurocholate associated with increased biliary tree permeability in mirex- or chlordanne-pretreated rats. *J Pharmacol Exp Ther* 231(3):495-501.
- *Curtis LR, Mehendale HM. 1979. The effects of Kepone treatment on biliary excretion of xenobiotics in the male rat. *Toxicol Appl Pharmacol* 47:295-303.
- *Curtis LR, Mehendale HM. 1980. Specificity of chlordanne-induced potentiation of carbon tetrachloride hepatotoxicity. *Drug Metab Dispos* 8:23-27.
- *Curtis LR, Mehendale HM. 1981. Hepatobiliary dysfunction and inhibition of adenosine triphosphatase activity of bile canaliculi-enriched fractions following *in vivo* mirex, photomirex, and chlordanne exposures. *Toxicol Appl Pharmacol* 61:429-440.
- *Curtis LR, Thureson-Klein AK, Mehendale HM. 1981. Ultrastructural and biochemical correlates of the specificity of chlordanne-potentiated carbon tetrachloride hepatotoxicity. *J Toxicol Environ Health* 7(3-4):499-517.
- Curtis LR, Williams WL, Mehendale HM. 1979a. Biliary excretory dysfunction following exposure to photomirex and photomirex-carbon tetrachloride combination. *Toxicology* 13(2):77-90.

8. REFERENCES

- *Curtis LR, Williams WL, Mehendale HM. 1979b. Potentiation of the hepatotoxicity of carbon tetrachloride following preexposure to chlорdecone (Kepone) in the male rat. *Toxicol Appl Pharmacol* 51:283-293.
- *Cutshall NH, Larsen IV, Nichols MM. 1981. Man-made radionucleotides confirm rapid burial of Kepone in James River sediments. *Science* 213:440-442.
- Dabrowski J, St. Waliszewski. 1979. [Methodological hints on the gas chromatographic determination of kelevan and Kepone in potatoes, potato foliage and soil.] *Nabruno* 23(1):33-37. [Translation in progress.]
- *Dahlstrom-King L, Couture J, Plaa GL. 1992. Influence of agents affecting monooxygenase activity on taurolithocholic acid-induced cholestasis. *Toxicol Lett* 63:243-252.
- Damstra T. 1978. Environmental chemicals and nervous system dysfunction. *Yale J Biol Med* 51(4):457-468.
- Das M, Agarwal AK, Seth PK. 1982. Regulation of brain and hepatic glutathione-S-transferase by sex hormones in rats. *Biochem Pharmacol* 31(23):3927-3930.
- Daston GP, Rogers JM, Versteeg DJ, et al. 1991. Interspecies comparisons of A/D ratios: A/D ratios are not constant across species. *Fundam Appl Toxicol* 17:696-722.
- *Davidson MD, Fujimoto JM. 1987. Increased permeability of the rat biliary tree by 2,3,7,8-tetrachlorodibenzo-p-dioxin TCDD treatment and protection by hepatotoxic agents. *Toxicol Appl Pharmacol* 87(1):57-66.
- *Davies K. 1988. Concentrations and dietary intake of selected organochlorines, including PCB's, in fresh food composites grown in Ontario, Canada. *Chemosphere* 17:263-276.
- *Davies K. 1990. Human exposure pathways to selected organochlorines and PCBs in Toronto and Southern Ontario. *Advances in Environmental Science and Technology* 23(Food Contam Environ Sources):525-540.
- *Davis ME, Mehendale HM. 1980. Functional and biochemical correlates of chlорdecone exposure and its enhancement of CC14 hepatotoxicity. *Toxicology* 15:91-103.
- *Davison KL, Mollenhauer HH, Younger RL, et al. 1976. Mirex-induced hepatic changes in chickens, Japanese quail, and rats. *Arch Environ Contam Toxicol* 4(4):469-482.
- *De La Cruz AA, Rajanna B. 1975. Mirex incorporation in the environment: uptake and distribution in crop seedlings. *Bull Environ Contam Toxicol* 14(1):38-42.
- *de la Riva C, Anadon A. 1991. Organochlorine pesticides in cow's milk from agricultural region in northwestern Spain. *Bull Environ Contam Toxicol* 46:527-533.
- *Dean JH, Luster MI, Boorman GA, et al. 1980. The effect of adult exposure to diethylstilbestrol in the mouse: Alterations in tumor susceptibility and host resistance parameters. *J Reticuloendothel Sot* 28:571-583.

8. REFERENCES

- *Desaiah D. 1980. Comparative effects of chlordecone and mirex on rat cardiac ATPases and binding of [³H]-catecholamines. *J Environ Pathol Toxicol* 4:237-248.
- *Desaiah D. 1981. Interaction of chlordecone with biological membranes. *J Toxicol Environ Health* 8:719-730.
- Desaiah D. 1982. Biochemical mechanisms of chlordecone neurotoxicity: A review. *Neurotoxicology* 3(2):103-110.
- *Desaiah D. 1985. Chlordecone interaction with catecholamine binding and uptake in rat brain synaptosomes. *Neurotoxicology* 6(1):159-165.
- *Desaiah D, Chetty CS, Prasada Rao KS. 1985. Chlordecone inhibition of calmodulin activated calcium ATPase in rat brain synaptosomes. *J Toxicol Environ Health* 16: 189-195.
- *Desaiah D, Gilliland IK, Ho IK, et al. 1980a. Inhibition of mouse brain synaptosomal ATPases and ouabain binding by chlordecone. *Toxicol Lett* 6:275-285.
- Desaiah D, Ho IK, Mehendale HM. 1977a. Effects of Kepone and mirex on mitochondrial Mg²⁺-ATPase in rat liver. *Toxicol Appl Pharmacol* 39:219-228.
- Desaiah D, Ho IK, Mehendale HM. 1977b. Inhibition of mitochondrial Mg²⁺-ATPase activity in isolated perfused rat liver by Kepone. *Biochem Pharmacol* 26:1155-1159.
- Desaiah D, Mehendale HM, Ho IK. 1978. Kepone inhibition of mouse brain synaptosomal ATPase activities. *Toxicol Appl Pharmacol* 45:268-269.
- *Desaiah D, Pentyala SN, Trottman CH, et al. 1991. Combined effects of carbon tetrachloride and chlordecone on calmodulin activity in gerbil brain. *J Toxicol Environ Health* 34(2):219-228.
- *Desaiah D, Trottman CH, Bansal SK. 1980b. Sensitivity of rat brain synaptosomal ATPases to several structurally related organochlorine compounds. *Dev Toxicol Environ Sci* 8:87-90.
- *Devault DS. 1985. Contaminants in fish from Great Lakes harbors and tributary mouths. *Arch Environ Contam Toxicol* 14:587-594.
- DeVault DS, Weishaar JA. 1985. Contaminant analysis of 1982 Fall Run coho salmon (Oncorhynchus kisutch). *Govt Reports Announcements & Index*, Issue 14.
- *DeZeam MB, Oberacker DA. 1980. Detoxification of materials by microwave plasma. *Safe Handling of Chemical Carcinogens, Mutagens, Teratogens, and Highly Toxic Substances* 2:595-615.
- *DHHS. 1991. Mirex & Chlordecone: Sixth Annual Report on Carcinogens. Summary 1991. ppg 238-240, 261-262. U.S. Department of Health and Human Services, Public Health Service. Rockville, MD.
- *Di Muccio A, Ausili A, Dommarco R, et al. 1991. Solid-matrix partition for separation of organochlorine pesticide residue from fatty materials. *J Chromatog* 552:241-247.

8. REFERENCES

- Dietz DD, McMillan DE. 1978. Effects of mirex and Kepone on scheduled controlled responding. *Pharmacologist* 20:225.
- *Dietz DD, McMillan DE. 1979. Comparative effects of mirex and Kepone on schedule-controlled behavior in the rat: I. Multiple fixed-ratio 12 fixed-interval 2 min schedule. *Neurotoxicology* 1:369-385.
- Dirks T, Himmel C, Uk S. 1972. Mass spectrometric identification of mirex residues in crude extracts and in the presence of polychlorinated biphenyls. *Bull Environ Contam Toxicol* 8(2):97-104.
- Dixon RL. 1980. Toxic responses of the reproductive system. In: Doull J, Klaassen CD, Amdur MO, eds. *Toxicology: The basic science of poisons*. New York, NY: Macmillan Publishing Co., Inc., 332-354.
- *Dolak JA, Britton R, Glende EA Jr, et al. 1987. Chlordecone does not interfere with hepatic repair after carbon tetrachloride or partial hepatectomy. *J Biochem Toxicol* 2:57-66.
- *Dorough HW, Atallah YH. 1975. Cigarette smoke as a source of pesticide exposure. *Bull Environ Contam Toxicol* 13(1):101-107.
- *Dorough HW, Ivie GW. 1974. Fate of mirex-¹⁴C during and after a 28-day feeding period to a lactating cow. *J Environ Qual* 3(1):65-67.
- *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.
- *Durham RW, Oliver BG. 1983. History of Lake Ontario (Canada, USA) contamination from the Niagara river by sediment radiodating and chlorinated hydrocarbon analysis. *Journal of Great Lakes Research* 9(2):160-168.
- *Durrell GS, Sauer TC. 1990. Simultaneous dual-column, dual-detector gas chromatographic determination of chlorinated pesticides and polychlorinated biphenyls in environmental samples. *Anal Chem* 62(17):1867-1871.
- Eadie BJ, Robbins JA. 1987. The role of particulate matter in the movement of contaminants in the Great Lakes USA, Canada. In: Hites RA, Eisenreich SJ, eds. *Advances in chemistry series*, 216. Sources and Fates of Aquatic Pollutants, Symposium at the 190th Meeting of The American Chemical Society, Chicago, IL, September 8-13, 1985. Washington, DC: American Chemical Society, 11:319-364.
- Eaton DL, Klaassen CD. 1979. Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin, Kepone, and polybrominated biphenyls on transport systems in isolated rat hepatocytes. *Toxicol Appl Pharmacol* 51(1):137-144.
- Ebel RE. 1980. *In vitro* effects of chlordecone (Kepone) on hepatic microsomal cytochrome P-450. *Pesticide Biochemistry and Physiology* 14(3):221-226.
- Ebel RE. 1981. Cytochrome P-450 induction by Kepone and mirex. *VIA Varian Instrum Appl* 15(3):16-17.

8. REFERENCES

- Ebel RE. 1982. Alterations in microsomal cytochrome P-450 catalyzed reactions as a function of chlорdecone (Kepone) induction. *Pestic Biochem Physiol* 18:113-121.
- Ebel RE. 1984. Hepatic microsomal p-nitoranisole 0-demethylase: Effects of chlорdecone or mirex induction in male and female rats. *Biochem Pharmacol* 33:559-564.
- Ebel RE, Barlow RL, McGrath EA. 1987. Chloroform hepatotoxicity in the Mongolian gerbil. *Fundam Appl Toxicol* 8(2):207-216.
- Ebel RE, McGrath EA. 1984. Carbon tetrachloride-hepatotoxicity in the Mongolian gerbil: Influence of monooxygenase system induction. *Toxicol Lett* 22(2):205-210.
- Eckols K, Williams J, Uphouse L. 1989. Effects of chlорdecone on progesterone receptors in immature and adult rats. *Toxicol Appl Pharmacol* 100:506-516.
- *Egle JL Jr Fernandez JB, Guzelian PS, et al. 1978. Distribution and excretion of chlорdecone (Kepone) in the rat. *Drug Metab Dispos* 6(1):91-95.
- Egle JL Jr, Gochberg BJ, Borzelleca JF. 1976. The distribution of ^{14}C -Kepone in the rat. *Pharmacologist* 18(2):195.
- *Egle JL Jr, Guzelian PS, Borzelleca JF. 1979. Time course of the acute toxic effects of sublethal doses of chlорdecone (Kepone). *Toxicol Appl Pharmacol* 48:533-536.
- Eisenberg M, Topping JJ. 1985. Organochlorine residues in finfish from Maryland waters 1976-1980. *J Environ Sci Health [B]* 20(6):729-742.
- *Eisenreich SJ, Cape PD, Robbins JA, et al. 1989. Accumulation and diagenesis of chlorinated hydrocarbons in lacustrine sediments. *Environ Sci Technol* 23:1116-1126.
- El-Shaarawi AH, Esterby SR, Wan-y ND, et al. 1985. Evidence of contaminant loading to Lake Ontario from the Niagara River, USA, Canada. *Canadian Journal of Fisheries and Aquatic Sciences* 42(7):1278-1289.
- *Elder VA, Proctor BL, Hites RA. 1981. Organic compounds near dumpsites in Niagara Falls, New York. *Biomed Mass Spectrom* 8(9):409-415.
- *Elgin J, Jovanovich L, Vahed S, et al. 1990. Alteration of hepatic lipid by mirex in rats. *Pestic Biochem Physiol* 38(3):273-285.
- *Ellenhorn MJ, Barceloux, DG. 1988. *Medical toxicology: Diagnosis and treatment of human poisoning*. New York, NY: Elsevier Science Publishing Co., Inc, 1078-1080, 1392.
- *End DW, Carchman RA, Ameen R, et al. 1979. Inhibition of rat brain mitochondrial calcium transport by chlорdecone. *Toxicol appl Pharmacol* 51: 189-196.
- *End DW, Carchman RA, Dewey WL. 1981. Neurochemical correlates of chlорdecone neurotoxicity. *J Toxicol Environ Health* 8(5-6):707-718.

8. REFERENCES

- *Environment Canada. 1992. Toxic chemicals in the Great Lakes and associated effects. Vol. II: Effects. Ottawa, Canada: Environment Canada, Health and Welfare Canada, Department of Fisheries and Oceans. March, 1992.
- EPA. 1972. Mirex toxicology: Report of the mirex advisory committee. Washington, DC: U.S. Environmental Protection Agency, Mirex Advisory Committee, 42-70.
- *EPA. 1973. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 136.3.
- *EPA. 1976. Kepone: Position document 3. Arlington, VA: U.S. Environmental Protection Agency, Special Pesticide Review Division. Document No. EPABPRD-80/62.
- EPA. 1977. The degradation of selected pesticides in soil: A review of published literature. Cincinnati, OH: U.S. Environmental Protection Agency. Document No. EPA-600/9-77-022.
- *EPA. 1978a. Action level for mirex in fish. U.S. Environmental Protection Agency. Federal Register 43: 14736.
- *EPA. 1978b. Designation of hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4.
- *EPA. 1978c. Reviews of the environmental effects of pollutants: I. Mirex and Kepone. Cincinnati, OH: U.S. Environmental Protection Agency, Health Effects Research Laboratory. Report No. EPA/600/i-78/013.
- *EPA. 1978d. Water programs: Designation of hazardous substances. U.S. Environmental Protection Agency. Federal Register 43:10474-10488.
- EPA. 1978e. Human population exposures to mirex and Kepone. Washington, DC: U.S. Environmental Protection Agency. Document No. ISS EPA/600/i-78/045, CRESS-26.
- *EPA. 1978f. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 455.20. e->f
- *EPA. 19788. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4. ->g
- EPA. 1979. Microbial degradation of organochlorine compounds in estuarine waters and sediments. Proceedings of Workshop: Microbial Degradation Pollution Marine Environment. U.S. Environmental Protection Agency, Office of Research and Development, 443-50, 462-76. Document No. EPA-600/9-79-012.
- *EPA. 1980a. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 125.3.
- *EPA. 1980b. Hazardous waste management system; identification and listing of hazardous waste. U.S. Environmental Protection Agency. Federal Register 45:78530-78550.

8. REFERENCES

- *EPA. 1980c. Levels of chemical contaminants in nonoccupationally exposed US residents. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Research and Development, Health Effects Research Laboratory. Document No. EPA-600/l-80-002.
- *EPA. 1980d. Discarded commercial chemical products, off-specification species, container residues, and spill residues thereof. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.33.a->d
- *EPA. 1980e. Manual of analytical methods for the analysis of pesticides in humans and environmental samples. U.S. Environmental Protection Agency. EPA-600/8-80-038.
- *EPA. 1981a. Hazardous constituents. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261, Appendix VIII.
- *EPA. 1981b. The potential atmospheric impact of chemicals released to the environment: Proceedings of four workshops. Washington, DC: U.S. Environmental Protection Agency. Document No. PB82-119447.
- EPA. 1982a. Cycling of xenobiotics through marine and estuarine sediments. Gulf Breeze, FL: U.S. Environmental Protection Agency, Office of Research and Development. EPA 600/3-82-074.
- *EPA. 1982b. Determination of the environmental impact of several substitute chemicals in agriculturally affected wetlands. Washington, DC: U.S. Environmental Protection Agency Document No. EPA-600/4-82-052.
- *EPA. 1982c. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 125.58.
- *EPA. 1983. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 122.1.
- EPA. 1985a. List of hazardous substances and reportable quantities. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4.
- *EPA. 1985b. Pesticide chemicals. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 455.
- *EPA. 1985c. Pesticide chemicals category effluent limitations guidelines, pretreatment standards, and new source performance standards. U.S. Environmental Protection Agency. Federal Register 50:40672-40777.
- *EPA. 1985d. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 797.1520.
- EPA. 1985e. Status of organic contaminants in Lake Huron: Atmosphere, water, algae, fish, herring gull eggs, and sediment. Washington, DC: U.S. Environmental Protection Agency. NTIS No. PB- 127040/GAR.d->e
- *EPA. 1986a. Action levels for Kepone in fish, shellfish, and crabmeat. U.S. Environmental Protection Agency. Federal Register 5 1: 11840-1 1841.

8. REFERENCES

- *EPA. 1986b. Determination of reportable quantities for hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 117.
- *EPA. 1986c. Final report on the evaluation of four toxic chemicals in an '*in vivo/in vitro*' toxicological screen: Acrylamide, chlordcone, cyclophosphamide, and diethylstilbestrol. Research Triangle Park, NC: U.S. Environmental Protection Agency, Health Effects Research Laboratory. EPA-600-1-86-002.
- *EPA. 1986d. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.11.
- *EPA. 1986e. Recommendations for and documentation of biological values for use in risk assessment. Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment, U.S. Environmental Protection Agency. Cincinnati, OH.
- EPA. 1986f. Revocation of dodecachlorooctahydro-1,3,4-metheno-2H-cyclobuta[cd]pentalene tolerances. U.S. Environmental Protection Agency. Federal Register 51:45114-45115.d->f
- *EPA. 1987a. Ground-water monitoring list. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264, Appendix IX.
- EPA. 1987b. Health effects assessment for mirex. Prepared by the Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office, Cincinnati, OH for the Office of Solid Waste and Emergency Response. Washington, DC: U.S. Environmental Protection Agency. Document No. EPA/600/8-88/046.
- *EPA. 1987c. List (phase 1) of hazardous constituents for ground-water monitoring. U.S. Environmental Protection Agency. Federal Register 52:25942-25952.
- *EPA. 1987d. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.1.
- *EPA. 1988a. Hazardous waste management system: Identification and listing of hazardous waste. U.S. Environmental Protection Agency. Federal Register 53:13382-13393.
- EPA. 1988b. Health Effects assessment for mirex. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office. Contract Number EPA-600-8-88-046.
- *EPA. 1988c. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.43.
- *EPA. 1988d. Method TOIO. Determination of organochlorine pesticides in ambient air using low volume polyurethane foam (PUF) sampling with gas chromatography/electron capture detector (GC/ECD). U.S. Environmental Protection Agency. pg257.
- *EPA. 1989a. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4. ->a
- *EPA. 1989b. Interim methods for development of inhalation reference doses. U.S. Environmental Protection Agency. EPA/600/8-90/066F. ->b

8. REFERENCES

- EPA. 1989c. Delayed reproductive effects following exposure to toxic chemicals during critical developmental periods. Research Triangle Park, NC: U.S. Environmental Protection Agency. NTIS PB90-112830.
- *EPA. 1990a. Interim methods for development of inhalation reference doses. U.S. Environmental Protection Agency. EPA/600/8-90/066A.
- *EPA. 1990b. Kepone: Position document 1. Washington, DC: U.S. Environmental Protection Agency, Office of Pesticide Programs. Contract No. EPA-540-09-90- 103
- *EPA. 1991a. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 258.
- *EPA. 1991b. Tolerances and exemptions from tolerances for pesticide chemicals in or on raw agricultural commodities. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 180.
- *EPA. 1992a. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 300.5.
- *EPA. 1992b. Method 1656: the determination of organo-halide pesticides in municipal and industrial wastewater. In: Methods for the determination of nonconventional pesticides in municipal and industrial wastewater. U.S. Environmental Protection Agency. EPA 821 RR-92-002. Pp 637-677.
- *Epstein SS. 1978. Kepone--hazard evaluation. *Sci Total Environ* 9:1-62.
- Eroschenko VP. 1981. Estrogenic activity of the insecticide chlordcone in the reproductive tract of birds and mammals. *J Toxicol Environ Health* 8(5-6):731-742.
- Eroschenko VP. 1982. Surface changes in oviduct, uterus and vaginal cells of neonatal mice after estradiol-17 and the insecticide chlordcone (Kepone) treatment: A scanning electron microscopic study. *Biol Reprod* 26:707-720.
- *Eroschenko VP, Mousa MA. 1979. Neonatal administration of insecticide chlordcone and its effects on the development of the reproductive tract in the female mouse. *Toxicol Appl Pharmacol* 49:151-159.
- *Eroschenko VP, Osman F. 1986. Scanning electron microscopic changes in vaginal epithelium of suckling neonatal mice in response to estradiol or insecticide chlordcone (Kepone) passage in milk. *Toxicology* 38:175-185.
- Eroschenko VP, Palmiter RD. 1980. Estrogenicity of Kepone in birds and mammals. *Dev Toxicol Environ Sci* 5:305-325.
- Ervin MG, Yarbrough JD. 1983. Adrenalectomy and the adaptive liver response in mirex-treated rats. *Pesticide Biochemistry and Physiology* 20(3):330-339.
- Ervin MG, Yarbrough JD. 1985. Mirex-induced liver enlargement in rats is dependent upon an intact pituitary-adrenalcortical axis. *Life Sci* 36(2):139-145.

8. REFERENCES

- *Fabacher DL, Hodgson E. 1976. Induction of hepatic mixed-function oxidase enzymes in adult and neonatal mice by Kepone and mirex. *Toxicol Appl Pharmacol* 38:71-77.
- Fariss MW, Blanke RV, Boylan JJ, et al. 1978. Reductive biotransformation of chlordcone in man and rat. *Toxicol Appl Pharmacol* 45:337.
- *Fariss MW, Blanke RV, Saady V, et al. 1980. Demonstration of major metabolic pathways for chlordcone (Kepone) in humans. *Drug Metab Dispos* 8:434-438.
- *Faroon OM, Henry RW, Soni MG, et al. 1991. Potentiation of bromotrichloromethane hepatotoxicity by chlordcone: Biochemical and ultrastructural study. *Toxicol Appl Pharmacol* 110(2):185-97.
- *Faroon OM, Mehendale HM. 1990. Bromotrichloromethane hepatotoxicity: The role of stimulated hepatocellular regeneration in recovery: Biochemical and histopathological studies in control and chlordcone pretreated male rats. *Toxicol Pathol* 18(14):667-77.
- *FDA. 1990. Residues in food 1989: Monitoring programs: Regulatory monitoring. *J Assoc Off Anal Chem* 73:127A-146A.
- *FDA. 1991. Residues in foods: FDA monitoring program: Regulatory monitoring. *J Assoc Off Anal Chem* 74:121A-141A.
- Field B, Selub M, Hughes CL. 1990. Reproductive effects of environmental agents. *Seminars in Reproductive Endocrinology* 8(1):44-54.
- *Folmar LC. 1978. *In vitro* inhibition of rat brain ATPase, pNPPase, and ATP-32Pi exchange by chlorinated-diphenyl ethanes and cyclodiene insecticides. *Bull Environ Contam Toxicol* 19(4):481-488.
- *Fouse BL, Hodgson E. 1987. Effect of chlordcone and mirex on the acute hepatotoxicity of acetaminophen in mice. *Gen Pharmacol* 18(6):623-630.
- *Francis BM, Metcalf RL. 1984. Evaluation of mirex, photomirex and chlordcone in the terrestrial aquatic laboratory model ecosystem. *Environ Health Perspect* 54:341-346.
- Frank R, Braun HE, Stonefield KI, et al. 1990. Organochlorine and organophosphorus residues in the fat of domestic farm animal species, Ontario, Canada 1986-1988. *Food Addit Contam* 7(5):629-636.
- *Frank R, Rasper J, Smout MS, et al. 1988. Organochlorine residues in adipose tissues blood and milk from Ontario, Canada residents 1976-1985. *Can J Public Health* 79(3):150-158.
- *Freitag D, Ballhom L, Geyer H, et al. 1985. Environmental hazard profile of organic chemicals. *Chemosphere* 14:1589-1616.
- *FSTRAC. 1990. Summary of state and federal drinking water standards and guidelines. Washington, D.C.: Federal-State Toxicology and Regulatory Alliance Committee, Chemical Communication Subcommittee, February 1990.

8. REFERENCES

- *Fujimori K, Benet H, Mehendale HM, et al. 1982a. Comparison of brain discrete area distributions of chlordcone and mirex in the mouse. *Neurotoxicology* 3(2):125-129.
- *Fujimori K, Benet H, Mehendale HM, et al. 1986. *In vivo* and *in vitro* synthesis, release, and uptake of [³-HI]-dopamine in mouse striatal slices after *in vivo* exposure to chlordcone. *J Biochem Toxicol* 1(4):1-12.
- Fujimori K, Ho IK, Mehendale HM. 1980. Assessment of photomirex toxicity in the mouse. *J Toxicol Environ Health* 6(4):869-876.
- *Fujimori K, Ho IK, Mehendale HM, et al. 1983. Comparative toxicology of mirex, photomirex and chlordcone after oral administration to the mouse. *Environ Toxicol Chem* 2(1):49-60.
- *Fujimori K, Nabeshima T, Ho IK, et al. 1982b. Effect of oral administration of chlordcone and mirex on brain biogenic amines in mice. *Neurotoxicology* 3(2): 143-148.
- Fulfs JC, Abraham R. 1976. Effects of mirex and chloroquine on PCB-induced hepatic porphyria in the rat. *Toxicol Appl Pharmacol* 37:119-120.
- *Fulfs JC, Abraham R, Drobeck B, et al. 1977. Species differences in the hepatic response to mirex: Ultrastructural and histochemical studies. *Ecotoxicol Environ Safety* 1:327-342.
- Fuller GB, Draper SW. 1975. Effect of mirex on induced ovulation in immature rats. *Proc Sot Exp Biol Med* 148:414-417.
- Gagnon C. 1988. The role of environmental toxins in unexplained male infertility. *Seminars in Reproductive Endocrinology* 6(4):369-376.
- *Gaines TB. 1969. Acute toxicity of pesticides. *Toxicol Appl Pharmacol* 14:515-534.
- *Gaines TB, Kimbrough RD. 1970. Oral toxicity of mirex in adult and suckling rats, with notes on the ultrastructure of liver changes. *Arch Environ Health* 21(1):7-14.
- *Galloway SM, Armstrong MJ, Reuben C, et al. 1987. Chromosome aberrations and sister chromatid exchanges in Chinese hamster ovary cells evaluations of 108 chemicals. *Environ Mol Mutagen* 10 (suppl. 10):1-175.
- Gandolfi O, Cheney DC, Hong JS, et al. 1984. On the neurotoxicity of chlordcone: A role for -aminobutyric acid and serotonin. *Brain Res* 303:117-123.
- *Garman JR, Freund T, Lawless EW. 1987. Testing for groundwater contamination at hazardous waste sites. *J Chromatogr Sci* 25(8):328-337.
- *Garman JR, Freund T, Lawless EW. 1987. Testing for groundwater contamination at hazardous waste sites. *J Chromatogr Sci* 25:328-337.
- Gaylor DW. 1989. Comparison of teratogenic and carcinogenic risks. *Regul Toxicol Pharmacol* 10:138-143.

8. REFERENCES

- *Gellert RJ. 1978. Kepone, mirex, dieldrin, and aldrin: Estrogenic activity and the induction of persistent vaginal estrus and anovulation in rats following neonatal treatment. *Environ Res* 16:131-138.
- *Gellert RJ, Wilson C. 1979. Reproductive function in rats exposed prenatally to pesticides and polychlorinated biphenyls (PCB). *Environ Res* 18:437-443.
- *George SE, Claxton LD. 1988. Biotransformation of chlорdecone by *Pseudomonas* species. *Xenobiotics* 18(4):407-16.
- *George SE, King LC, Claxton LD. 1986. High-performance liquid chromatography separation of chlорdecone and its metabolites. *Chromatographia* 22(1-6): 165-167.
- *Gerhart JM, Hong JL, Tilson HA. 1983. Studies on the possible sites of chlорdecone-induced tremor in rats. *Toxicol Appl Pharmacol* 70:382-389.
- *Gerhart JM, Hong JL, Uphouse LL, et al. 1982. Chlорdecone-induced tremor: Quantification and pharmacological analysis. *Toxicol Appl Pharmacol* 66:234-243.
- *Gerhart JM, Hong JS, Tilson HA. 1985. Studies on the mechanism of chlорdecone-induced tremor in rats. *Neurotoxicology* 61:21 l-229.
- *Germain A, Langlois C. 1988. Pollution of the water and suspended sediments of the St. Lawrence River (Ontario, Quebec, Canada) by organochlorine pesticides, polychlorinated biphenyls, and other priority pollutants. *Water Pollution Research Journal of Canada* 23(4):602-614.
- Geyer H, Scheunert I, Korte F. 1986. Bioconcentration potential of organic environmental chemicals in humans. *Regul Toxicol Pharmacol* 6:313-347.
- *Gibson JR, Ivie GW, Dorough HW. 1972. Fate of mirex and its major photodecomposition product in rats. *J Agric Food Chem* 20: 1246-1248.
- Gillespie AM, Walters SM. 1989. Semi-preparative reverse phase HPLC fractionation of pesticides from edible fats and oils. *Journal of Liquid Chromatography* 12(9):1687-1704.
- *Gilliom RJ, Clifton DG. 1990. Organochlorine pesticide residues in bed sediments of the San Joaquin River, California. *Water Resources Bulletin* 26: 1 l-24.
- *Gilroy DJ, Carpenter HM, Curtis LR. 1994. Chlорdecone pretreatment alters [¹⁴C]chlорdecone and [¹⁴C]cholesterol transport kinetics in the perfused rat liver. *Fund Appl Toxicol* 22:286-292.
- Gleason MN, Gosselin RE, Hodge HC. 1963. Clinical toxicology of commercial products: Acute poisoning (home and farm). Baltimore, MD: Williams & Wilkins.
- *Glende EA Jr, Lee PY. 1985. Isopropanol and chlорdecone potentiation of carbon tetrachloride liver injury: Retention of potentiating action in hepatocyte suspensions prepared from rats given isopropanol or chlорdecone. *Exp Mol Pathol* 42(2):167-174

8. REFERENCES

- Glick B. 1974. Antibody-mediated immunity in the presence of mirex and DDT. *Poult Sci* 53(4):1476-1485.
- *Goldfrank LR. 1990. Goldfrank's toxicologic emergencies. 4th ed. Norwalk, CT: Appleton and Lange, Inc., 119-128.
- *Good EE, Ware GW, Miller DF. 1965. Effects of insecticides on reproduction in the laboratory mouse: I. Kepone. *J Econ Entomol* 58:754-757.
- *Goodspeed DP, Chestnut LI. 1991. Determining organohalides in animal fats using gel permeation chromatographic cleanup: Repeatability study. *J Assoc Off Anal Chem* 74(2):388-394.
- Grabowski CT. 1979. Prenatal detection of cardiac pathology in mirex-fed rats using fetal electrocardiography. *Toxicol Appl Pharmacol* 48(1):A118.
- *Grabowski CT. 1981. The plasma proteins and colloid osmotic pressure of blood of rat fetuses prenatally exposed to mirex. *J Toxicol Environ Health* 7:705-714.
- *Grabowski CT. 1983a. Persistent cardiovascular problems in newborn rats prenatally exposed to subteratogenic doses of the pesticide, mirex. *Dev Toxicol Environ Sci* 11 (Dev Sci Pratt Toxicol):537-540.
- *Grabowski CT. 1983b. The electrocardiogram of fetal and newborn rats and dysrhythmias induced by toxic exposure. In: *Abnormal functional development of the heart, lungs and kidneys: Approches to functional teratology*. New York, NY: Alan R Liss, Inc., 185-206.
- *Grabowski CT, Daston GP. 1983. Functional teratology of the cardiovascular and other organ systems. *Issues and Reviews in Teratology* 1:285-308.
- Grabowski CT, Payne DB. 1980. An electrocardiographic study of cardiovascular problems in mirex-fed rat fetuses. *Teratology* 22:167-177.
- *Grabowski CT, Payne DB. 1983a. The causes of perinatal death induced by prenatal exposure of rats to the pesticide mirex: Part II. Postnatal observations. *J Toxicol Environ Health* 11:301-315.
- *Grabowski CT, Payne DB. 1983b. The causes of perinatal exposure of rats to the pesticide, mirex: Part I. Pre-parturition observations of the cardiovascular system. *Teratology* 27:7-11.
- Gray LE. 1982. Neonatal chlordcone exposure alters behavioral sex differentiation in female hamsters. *Neurotoxicology* 3(2):67-79.
- *Gray LE Jr, Kavlock RJ. 1984. An extended evaluation of an *in vivo* teratology screen utilizing postnatal growth and viability in the mouse. *Teratogenesis Carcinog Mutagen* 4(5):403-426.
- *Gray LE Jr, Kavlock RJ, Ostby J, et al. 1983. Assessment of the utility of postnatal testing following prenatal exposure to forty chemicals. *Prog Clin Biol Res* 140:39-62.

8. REFERENCES

- Gray LE Jr, Kavlok RJ, Ostby J, et al. 1986. An evaluation of figure-eight maze activity and general behavioral development following prenatal exposure to forty chemicals: Effects of cytosine arabinoside, dinocap, nitrofen, and vitamin A. *Neurotoxicology* 7(2):449-462.
- *Greenberg M, Anderson R, Keene J, et al. 1982. Empirical test of the association between gross contamination of wells with toxic substances and surrounding land use. *Environ Sci Technol* 16(1):14-19.
- *Greer JS, Griwatz GH. 1980. Ultimate disposal of hazardous materials by reaction with liquid sodium. *Control of Hazardous Material Spills, Proceedings of the 1980 National Conference on Control of Hazardous Material Spills* 1:416-20.
- *Guzelian PS. 1981. Therapeutic approaches for chlordcone poisoning in humans. *J Toxicol Environ Health* 8:757-766.
- *Guzelian PS. 1982a. Chlordcone poisoning: A case study in approaches for the detoxification of humans exposed to environmental chemicals. *Drug Metab Rev* 13:663-679.
- *Guzelian PS. 1982b. Comparative toxicology of chlordcone (Kepone) in humans and experimental animals. *Annu Rev Pharmacol Toxicol* 22:89-113.
- Guzelian PS. 1984. [New approaches for treatment of humans exposed to a slowly excreted environmental chemical (chlordcone).] *Z Gastroenterol* 22: 16-20. [Translation in progress]
- *Guzelian PS. 1985. Clinical evaluation of liver structure and function in humans exposed to halogenated hydrocarbons. *Environ Health Perspect* 60:159-164.
- *Guzelian PS. 1992. The clinical toxicology of chlordcone as an example of toxicological risk assessment for man. *Toxicol Lett* 64/65:589-596.
- *Guzelian PS, Mutter L, Fariss M, et al. 1981. Metabolism and biliary excretion of chlordcone (Kepone) in humans: Toxicology of halogenated hydrocarbons. *Health and Ecological Effects*. 1:315-325.
- *Guzelian PS, Vranian G, Boylan JJ, et al. 1980. Liver structure and function in patients poisoned with chlordcone (Kepone). *Gastroenterology* 78:206-213.
- *Hadaad LM, Winchester JF. 1990. *Clinical management of poisoning and drug overdose*. 2nd ed. Philadelphia, PA: W.B. Saunders Company, 487, 524-525, 1084.
- Halfon E. 1987. Modeling of mirex loadings to the bottom sediments of Lake Ontario USA, Canada within the Niagara River plume. *Journal of Great Lakes Research* 13(1): 18-23.
- *Hall LL, Fisher HL, Sumler MR, et al. 1988. Dose response of skin absorption in young and adult rats. *ASTM Special Technical Publication, Performance of Protective Clothing*, 989:177-194.
- *Hallett DJ, Khera KS, Stoltz DR, et al. 1978. Photomirex: synthesis and assessment of acute toxicity, tissue distribution and mutagenicity. *J Agric Food Chem* 26(2):388-391.

8. REFERENCES

- *Hammond B, Bahr J, Dial O, et al. 1978. Reproductive toxicology of mirex and Kepone. *Fed Prod Fed Am Sot Exp Biol* 37(3):501.
- *Hammond B, Katyzenellenbogen BS, Krauthammer N, et al. 1979. Estrogenic activity of the insecticide chlordcone (Kepone) and interaction with uterine estrogen receptors. *Proc Natl Acad Sci U S A* 76:6641-6645.
- *Hargesheimer EE. 1984. Rapid determination of organochlorine pesticides and polychlorinated biphenyls, using selected ion monitoring mass spectrometry. *J Assoc Off Anal Chem* 67(6):1067-1075.
- *Harless RL, Harris DE, Sovocool GW, et al. 1978. Mass spectrometric analyses and characterization of Kepone in environmental and human samples. *Biomed Mass Spectrom* 5(3):232-237.
- *Harris RL, Huggett RJ, Slone HD. 1980. Determination of dissolved Kepone by direct addition of XAD-2 resin to water. *Anal Chem* 52(4):779-780.
- Harrison AG. 1980. Chemical ionization mass spectrometry of hydrocarbons and halohydrocarbons. *Environ Sci Res* 16:265-283.
- Hauser TR, Bromberg SM. 1982. EPA's monitoring program at Love Canal 1980. *Environmental Monitoring and Assessment* 2:249-272.
- Havkin-Frenkel D, Rosen JD, Gallo MA. 1983. Enhancement of hydroxyradical formation in rat liver microsomes by mirex. *Toxicol Lett* 15:219-223.
- *Hawker DW, Connell DW. 1986. Bioconcentration of lipophilic compounds by some aquatic organisms. *Ecotoxicol Environ Safety* 11: 184- 197.
- Hayes WJ Jr, Laws ER. 1991. Mirex and chlordcone. In: Hayes WJ Jr, Laws ER, eds. *Handbook of pesticide toxicology*. San Diego, CA: Academic Press, Inc., 856-915.
- *HAZDAT. 1994. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA,
- *Head SL, Burse VW. 1987. Organochlorine recovery from small adipose tissue samples with the universal trace residue extractor (Unitrex). *Bull Environ Contam Toxicol* 39:848-856.
- *Hegarty JM, Glende EA Jr, Recknagel RO. 1986. Potentiation by chlordcone of the defect in hepatic microsomal calcium sequestration induced by carbon tetrachloride. *J Biochem Toxicol* 1(2):73-78.
- Heinz GW, Rourke AW, Bradley TM. 1987. The influence of chlordcone and estrogen on the secretion of proteinaceous molecules of the mouse uterus. *Environmental Pollution* 46(4):297-306
- *Hellou J, Warren WG, Payne JF. 1993. Organochlorines including polychlorinated biphenyls in muscle, liver and ovaries of cod, *Gadus morhua*. *Arch Environ Contam Toxicol* 25:497-505.
- Hendrickson CM, Bowden JA. 1975. The *in vitro* inhibition of rabbit muscle lactate dehydrogenase by mirex and Kepone. *J Agric Food Chem* 23:407-409.

8. REFERENCES

- Hendrickson CM, Bowden JA. 1976. *In vitro* inhibition of lactate dehydrogenase by insecticidal polychlorinated hydrocarbons: I. Mechanism of inhibition: Possible association of reduced nicotinamide adenine dinucleotide with mirex. *J Agric Food Chem* 24(2):241-244.
- *Henry JB. 1984. Clinical diagnosis and management by laboratory methods. 17th ed. Philadelphia, PA: W.B. Saunders Compnay, 388-390.
- *Herr DW, Gallus JA, Tilson HA. 1987. Pharmacological modification of tremor and enhanced acoustic startle by chlорdecone and p,p'-DDT. *Psychopharmacology* 91:320-325.
- *Herr DW, Hong JS, Chen P, et al. 1986. Pharmacological modification of DDT-induced tremor and hyperthermia in rats: Distributional factors. *Psychopharmacology (Berlin)* 89(3):278-283
- *Hewitt LA, Ayotte P, Plaa GL. 1986a. Modifications in rat hepatobiliary function following treatment with acetone, 2-butanone, 2-hexanone, mirex, or chlорdecone and subsequently exposed to chloroform. *Toxicol Appl Pharmacol* 83(3):465-473.
- *Hewitt LA, Caille G, Plaa GL. 1986b. Temporal relationships between biotransformation, detoxication, and chlорdecone potentiation of chloroform-induced hepatotoxicity. *Can J Physiol Pharmacol* 64(4):477-482.
- *Hewitt LA, Hewitt WR, Plaa GL. 1983. Fractional hepatic localization of carbon-14-labeled chloroform in mice and rats treated with chlорdecone or mirex. *Fundam Appl Toxicol* 3(6):489-495.
- *Hewitt LA, Palmason C, Masson S, et al. 1990. Evidence for the involvement of organelles in the mechanism of Kepone-potentiated chloroform-induced hepatotoxicity. *Liver* 10 (1):35-48.
- *Hewitt WR, Miyajima H, Cote M, et al. 1979. Acute alteration of chloroform-induced hepat- and nephrotoxicity by mirex and Kepone. *Toxicol Appl Pharmacol* 48:509-527.
- Hewitt WR, Miyajima H, Cote MG, et al. 1980. Modification of haloalkane-induced hepatotoxicity by exogenous ketones and metabolic ketosis. *Fed Proc* 39(13):3118-3123.
- *Hill EP, Dent DM. 1985. Mirex residues in seven groups of aquatic and terrestrial mammals. *Arch Env Contam Toxicol* 14:7-12.
- Ho IK, Fujimori K, Huang TP, et al. 1981. Neurochemical evaluation of chlорdecone toxicity in the mouse. *J Toxicol Environ Health* 8:701-706.
- *Hodgson DW, Kantor EJ, Mann JB. 1978. Analytical methodology for the determination of Kepone residues in fish, shellfish, and Hi-V01 air filters. *Arch Environ Contam Toxicol* 7(1):99-112.
- Hodgson E. 1974. Comparative studies of cytochrome P-450 and its interaction with pesticides. In: Khan MA, Bederka JP Jr, eds. *Survival in toxic environments*. New York, NY: Academic Press, 213-260.
- Hodgson E, Kulkarni AP, Fabacher DL, et al. 1980. Induction of hepatic drug metabolizing enzymes in mammals by pesticides: A review. *J Environ Sci Health B* 15(6):723-754.

8. REFERENCES

- Hoering H, Dobberkau H-J, Seffner W. 1988. Antithyroid environmental chemicals. Z Gesamte Hyg 34(3):170-173.
- *Hoff RM, Muir DCG, Grift NP. 1992. Annual cycle of polychlorinated biphenyls and organohalogen pesticides in air in Southern Ontario: 1. Air concentration data. Environmental Science and Technology 26:266-75.
- *Holden C. 1976. Mirex: persistant pesticide on the way out. Science 194:301-303.
- Holevinski TS, Massaro EJ. 1978. The effects of gestational exposure to mirex on offspring of the mouse. Fed Proc Fed Am Sot Exp Biol 37(3):938.
- *Hollernan JW, Hammons AS. 1980. Levels of chemical contaminants in nonoccupationally exposed U.S. residents. Oak Ridge, TN: Oak Ridge National Laboratory. Document No. ORNL/EIS 142.
- *Holloman ME, Layton BR, Kennedy MV, et al. 1975. Identification of the major thermal degradation products of the insecticide mirex. J Agric Food Chem 23(5):1011-1012.
- Holmstead RL. 1976. Studies of the degradation of mirex with an iron(II) porphyrin model system. J Agric Food Chem 24(3):620-624.
- *Halt RL, Cruse S, Greer ES. 1986. Pesticide and polychlorinated biphenyl residues in human adipose tissue from Northeast Louisiana. Bull Environ Contam Toxicol 36(5):651-655.
- Hong JS, Ali SF. 1982. Chlordecone (Kepone) exposure in the neonate selectively alters brain and pituitary endorphin levels in prepuberal and adult rats. Neurotoxicology 3(2): 111-117.
- *Hong JS, Herr DW, Hudson PM, et al. 1986. Neurochemical effects of DDT in rat brain *in vivo*. Arch Toxicol Suppl 9:14-26.
- Hong JS, Hudson PM, Yoshikawa K, et al. 1985. Effect of chlordecone administration on brain and pituitary peptide systems. Neurotoxicology 6:167-182.
- *Hong JS, Tilson HA, Uphouse LL, et al. 1984. Effects of chlordecone exposure on brain neurotransmitters: Possible involvement of the serotonin system in chlordecone-elicited tremor. Toxicol Appl Pharmacol 73:336-344.
- *Hoskins B, Ho IK. 1982. Chlordecone-induced alterations in content and subcellular distribution of calcium in mouse brain. J Toxicol Environ Health 9:535-544.
- *Houk VS, DeMarini DM. 1987. Induction of prophage lambda by chlorinated pesticides. Mutat Res 182(4):193-201.
- *Houston TE, Mutter LC, Blanke RV, et al. 1981. Chlordecone alcohol formation in the Mongolian gerbil (*Meriones Unguiculatus*): A model for human metabolism of chlordecone (Kepone). Fundam Appl Toxicol 1(3):293-298.
- *Howard PH, Michalenko EM, Sage GW, et al., eds. 1981. Handbook of environmental fate and exposure data for organic chemicals. New York, NY: Lewis Publishers, 110-118.

8. REFERENCES

- *HSDB. 1992a. Chlordcone. Hazardous Substances Data Bank, National Library of Medicine, National Toxicology Information Program, Bethesda, MD. April 1, 1992.
- *HSDB. 1992b. Mirex. Hazardous Substances Data Bank, National Library of Medicine, National Toxicology Information Program, Bethesda, MD. September 3, 1992.
- *Hsu JP, Miller G, Moran V III. 1991. Analytical method for determination of trace organics in gas samples collected by canister. *J Chromatogr Sci* 29(2):83-88.
- *Hsu YN, Lin MT, Hong JS, et al. 1986. Effect of chlordcone exposure on thermoregulation in the rat. *Pharmacology* 32:292-300.
- Huang ES, Nelson FR. 1986. Anti-estrogenic action of chlordcone in rat pituitary gonadotrophs in vitro. *Toxicol Appl Pharmacol* 82:62-69.
- *Huang TP, Ho IK, Mehendale HM. 1980. Assessment of neurotoxicity induced by oral administration of chlordcone (Kepone) in the mouse. *Neurotoxicology* 2:113-124.
- *Huber JJ. 1965. Some physiological effects of the insecticide Kepone in the laboratory mouse. *Toxicol Appl Pharmacol* 7:516-524.
- *Huckins JN, Stalling DL, Petty JD, et al. 1982. Fate of Kepone and mirex in the aquatic environment. *J Agric Food Chem* 30(6):1020-1027.
- Hudson PM, Yoshikawa K, Ali SF, et al. 1984. Estrogen-like activity of chlordcone (Kepone) on the hypothalamo-pituitary axis--effects on the pituitary enkephalin system. *Toxicol Appl Pharmacol* 74:1383-389.
- *Huff JE, Gerstner HB. 1978. Kepone: A literature summary. *J Environ Pathol Toxicol* 1(4):377-395.
- Hunsinger RB. 1987. Organic contaminants in drinking water what where when and how. In: Huck PM, Toft P, eds. *Treatment of Drinking Water For Organic Contaminants*, Second National Conference, Edmonton, Alberta, April 7-8, 1986, 29-44.
- Hutchins SR, Tomson MB, Bedient PB, et al. 1985. Fate of trace organics during land application of municipal wastewater. *Critical Reviews in Environmental Control* 15(4):355-416.
- *Hwang EC, Van Woert MH. 1979. Serotonin-norepinephrine interactions in the tremorolytic actions of phenoxybenzamine and trazodone. *Pharmacol Biochem Behav* 10(1):27-29.
- IARC. 1974. IARC monographs on the evaluation of carcinogenic risk of chemicals to man. Vol 5: Some organochlorine pesticides. Lyon, France: World Health Organization, International Agency for Research on Cancer, 241-250.
- *IARC. 1979a. Chlordcone. Lyon, France: World Health Organization, International Agency for Research on Cancer, IARC Monographs on the evaluation of carcinogenic risk of chemicals to humans, 20:67-81.

8. REFERENCES

- IARC. 1979b. IARC monographs on the evaluation of carcinogenic risk of chemicals to humans. Supplement 1: Chemicals and industrial processes associated with cancer in humans. Lyon, France: World Health Organization, International Agency for Research on Cancer.
- *IARC. 1979c. Mirex. IARC Monographs on the evaluation of carcinogenic risk of chemicals to humans. Lyon, France: World Health Organization, International Agency for Research on Cancer 20:283-301.
- *IARC. 1987. IARC monographs on the evaluation of carcinogenic risks to humans. Overall evaluations of carcinogenicity: An updating of IARC monographs, volumes 1 to 42, supplement 7. Lyon, France: World Health Organization, International Agency for Research on Cancer.
- *Iijima M, Cote MG, Plaa GL. 1983. A semiquantitative morphologic assessment of chlordcone-potentiated chloroform hepatotoxicity. *Toxicol Lett* 17(3-4):307-314.
- *Ikegwuonu FI, Mehendale HM. 1991. Biochemical assessment of the genotoxicity of the *in vitro* interaction between chlordcone and carbon tetrachloride in rat hepatocytes. *J Appl Toxicol* 11(4):303-310.
- *Innes JR, Ulland BM, Vallerio MG, et al. 1969. Bioassay of pesticides and industrial chemicals for tumorigenicity in mice: A preliminary note. *J Natl Cancer Inst* 42:1101-1114.
- Inoue K, Nakazawa K, Obama T, et al. 1990. Chlordcone inhibits three types of ion channels in a neural cell line. *Pharmacol Toxicol* 67(5):444-446.
- *IRIS. 1994. Integrated Risk Information System. U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office, Cincinnati, OH.
- Ishikawa T, McNeeley S, Steiner PM, et al. 1978. Effects of chlorinated hydrocarbon on plasma alpha-lipoprotein cholesterol in rats. *Metabolism* 27(1):89-96.
- Iske GF, Bullmann M, Ondruschka J. 1992. Biotechnology based opportunities for environmental protection in the uranium mining industry. *Acta Biotechnol* 12(2):79-85.
- Isnard P, Lambert S. 1990. Modelling the fate of industrial organic chemicals in the aquatic environment: A review. *Revue Des Sciences de L'Eau* 3(4):361-376.
- *Iverson F. 1976. Induction of paraoxon dealkylation by hexachlorobenzene (HCB) and mirex. *J Agric Food Chem* 24:1238-1246.
- *Ivie GW, Dorough HW, Alley EG. 1974a. Photodecomposition of mirex on silica gel chromatoplates exposed to natural and artificial light. *J Agric Food Chem* 22(6):933-935.
- *Ivie GW, Gibson JR, Bryant HE, et al. 1974b. Accumulation, distribution, and excretion of mirex-¹⁴C in animals exposed for long periods to the insecticide in the diet. *J Agric Food Chem* 22:646-653.
- Jager RJ. 1976. Kepone chronology. *Science* 193:95-96.

8. REFERENCES

- Jandacek RJ, Volpenhein RA. 1980. Detoxifying lipophilic toxins. U.S. Patent No. 4241054 12/23/80 Procter and Gamble Co.
- Jensen AA. 1983. Chemical contaminants in human milk. *Residue Rev* 89:1-128.
- Jin T, Lin H, Xin P, et al. 1982. [Preliminary screening of mutagenic and carcinogenic effect of pesticides by inhibition test of DNA synthesis.] *Zhonghua Yufangyixue Zazhi* 16(3):174-176. (Chinese)
- *Jinna RR, Uzodinma JE, Desaiah D. 1989. Age-related changes in rat brain ATPases during treatment with chlordcone. *J Toxicol Environ Health* 27(2):199-208.
- *Johnson DC, Sen M, Dey SK. 1992. Differential effects of dichlorodiphenyltrichloroethane analogs, chlordcone, and 2,3,7,8-tetrachlorodibenzo-p-dioxin on establishment of pregnancy in the hypophysectomized rat. *Proc Soc Exp Biol Med* 199(1):42-48.
- *Johnson DC, Sen M, Kogo H, et al. 1990. Initiation of embryo implantation and maintenance of early pregnancy in the rat by chlordcone (Kepone). *Proc Soc Exp Biol Med* 195(1):44-50.
- *Jones AS, Hodges CS. 1974. Persistence of mirex and its effects on soil microorganisms. *J Agric Food Chem* 22(3):435-439.
- Jonker D, Woutersen RA, Van Bladeren PJ, et al. 1990. 4-Week oral toxicity study of a combination of eight chemicals in rats: Comparison with the toxicity of the individual compounds. *Food Chem Toxicol* 28(9):623-631.
- *Jordan JE, Grice T, Mishra SK, et al. 1981. Acute chlordcone toxicity in rats: A relationship between tremor and ATPase activities. *Neurotoxicology* 2:355-364.
- *Jovanovich L, Levin S, Khan MA Q. 1987. Significance of mirex-caused hypoglycemia and hyperlipidemia in rats. *J Biochem Toxicol* 2(Fall/Winter):203-213.
- *Kaiser KLE, Lum KR, Comba ME, et al. 1990a. Organic trace contaminants in St. Lawrence river water and suspended sediments, 1985-1987. *Sci Total Environ* 97/98:23-40.
- Kaiser KLE, Oliver BG, Charlton MN, et al. 1990b. Polychlorinated biphenyls in St. Lawrence river sediments. *Sci Total Environ* 97/98:495-506.
- Kaminsky LS, Piper LJ, McMartin DN, et al. 1978. Induction of hepatic microsomal cytochrome P-450 by mirex and Kepone. *Toxicol Appl Pharmacol* 43:327-338.
- *Kaminsky R, Kaiser K LE, Hites RA. 1983. Fates of organic compounds from Niagara Falls dumpsites in Lake Ontario (USA, Canada). *Journal of Great Lakes Research* 9(2):183-189.
- *Kamrin MA, Fischer LJ. 1991. Workshop on human health impacts of halogenated biphenyls and related compounds. *Environ Health Perspect* 91: 157-164.
- *Karl PI, Yarbrough JD. 1984. A comparison of mirex-induced liver growth to liver regeneration. *Toxicol Lett* 23(1):127-133.

8. REFERENCES

- Karstadt M, Bobal R. 1982. Availability of epidemiologic data on humans exposed to animal carcinogens: II. Chemical uses and production volume. *Teratogenesis Carcinog Mutagen* 2(2):151-167.
- *Kavlock RJ, Chernoff N, Rogers E, et al. 1980. Comparative tissue distribution of mirex and chlordenecone in fetal and neonatal rats. *Pestic Biochem Physiol* 14(3):227-235.
- *Kavlock RJ, Chernoff N, Rogers E, et al. 1982. An analysis of fetotoxicity using biochemical endpoints of organ differentiation. *Teratology* 26(2):183-194.
- *Kavlock RJ, Chernoff N, Rogers EH. 1985. The effect of acute maternal toxicity on fetal development in the mouse. *Teratogenesis Carcinog Mutagen* 5(1):3-13.
- Kavlock RJ, Rogers JM, Gray LE Jr, et al. 1987a. Postnatal alterations in development resulting from prenatal exposure to pesticides. *Pesticide Science and Biotechnology: Proceedings of the Sixth International Congress of Pesticide Chemistry* 561-4.
- *Kavlock RJ, Short RD Jr, Chernoff N. 1987b. Further evaluation of an *in vivo* teratology screen. *Teratogen Carcinogen Mutagen* 7(1):7-16.
- *Kenaga EE. 1980. Predicted bioconcentration factors and soil sorption coefficients of pesticides and other chemicals. *Ecotoxicol Environ Safety* 4:26-38.
- *Kendall MW. 1974a. Acute hepatotoxic effects of mirex in the rat. *Bull Environ Contam Toxicol* 12(5):617-621.
- Kendall MW. 1974b. Acute histopathologic alterations induced in livers of rat, mouse, and quail by the fire-ant poison, mirex. *Anat Rec* 178:338.
- *Kendall MW. 1979. Light and electron microscopic observations of the acute sublethal hepatotoxic effects of mirex in the rat. *Arch Environ Contam Toxicol* 8:25-41.
- Kennedy MW, Pittman MA, Stein VM. 1975. Fate of ^{14}C mirex in the female rhesus monkey. *Toxicol Appl Pharmacol* 33:161-162.
- Khera KS. 1976. Distribution, metabolism and perinatal toxicity of pesticides with reference to food safety evaluation: Review of selected literature. *Adv Mod Toxicol* (Part 1):369-420.
- *Khera KS, Villeneuve DC, Terry G, et al. 1976. Mirex: A teratogenicity, dominant lethal and tissue distribution study in rats. *Food Cosmet Toxicol* 14:25-29.
- *Kilzer L, Scheunert I, Geyer H, et al. 1979. Laboratory screening of the volatilization rates of organic chemicals from water and soil. *Chemosphere* 10:751-761.
- *Kim HT, Kim KS, Kim JS, et al. 1985. Levels of polychlorinated biphenyls (PCBs), DDE, and mirex in waterfowl collected in New York State, 1981-1982. *Arch Environ Contam Toxicol* 14:13-18.
- *Kim NK, Stone DW. 1982. Organic chemicals and drinking water. Albany, NY: New York State Department of Health

8. REFERENCES

- Kimbrough RD. 1979. The carcinogenic and other chronic effects of persistent halogenated organic compounds. *Ann N Y Acad Sci* 320:415-418.
- Kimbrough RD. 1982. Disposition and body burdens of halogenated aromatic compounds: Possible association with health effects in humans. *Drug Metab Rev* 13(3):485-498.
- Kimbrough RD. 1985. Case studies. In: Williams PL, Burson JL, eds. *Industrial toxicology safety and health applications in the workplace*. New York, NY: Van Nostrand Reinhold Company, 414-431.
- *Kitchin KT, Brown JL. 1989. Biochemical studies of promoters of carcinogenesis in rat liver. *Teratog Carcinog Mutagen* 9(5):273-285.
- *Kitchin KT, Brown JL, Kulkami AP. 1992. Predictive assay for rodent carcinogenicity using in vivo biochemical parameters: Operational characteristics and complementarity. *Mutat Res* 266(2):253-272.
- *Klingensmith JS, Lockard V, Mehendale HM. 1983a. Acute hepatotoxicity and lethality of carbon tetrachloride in chlordecone-pretreated rats. *Exp Mol Pathol* 4(7): 1-10.
- Klingensmith JS, Lockard V, Mehendale HM. 1983b. Acute hepatotoxicity and lethality of CC14 in chlordecone-pretreated rats. *Exp Mol Pathol* 39(1):1-10.
- *Klingensmith JS, Mehendale HM. 1981. Potentiation of brominated halomethane hepatotoxicity by chlordecone in the male rat. *Toxicol Appl Pharmacol* 61(3):378-384.
- *Klingensmith JS, Mehendale HM. 1982a. Chlordecone-induced fat depletion in the male rat. *J Toxicol Environ Health* 10:121-129.
- *Klingensmith JS, Mehendale HM. 1982b. Potentiation of CC14 lethality by chlordecone. *Toxicol Lett* 11(1-2):149-154.
- *Klingensmith JS, Mehendale HM. 1983a. Destruction of hepatic mixed-function oxygenase parameters by CC14 in rats following acute treatment with chlordecone, mirex, and phenobarbital. *Life Sci* 33(23):2339-2348.
- *Klingensmith JS, Mehendale HM. 1983b. Hepatic microsomal metabolism of CC14 after pretreatment with chlordecone, mirex or phenobarbital in male rats. *Drug Metab Dispos* 11(4):329-334.
- *Kloskowski R, Scheunert I, Klein W et al. 1981. Laboratory screening of distribution, conversion and mineralization of chemicals in the soil-plant-system and comparison to outdoor experimental data. *Chemosphere* 10:1089-1100.
- *Knishkowy B, Baker EL. 1986. Transmission of occupational disease to family contacts. *Am J Ind Med* 9(6):543-550.
- *Knoevenagel K, Himmelreich R. 1976. Degradation of compounds containing carbon atoms by photooxidation in the presence of water. *Arch Environ Contam Toxicol* 4:324-33.

8. REFERENCES

- Kobayashi H, Rittman BE. 1982. Microbial removal of hazardous organic compounds. Environmental Science and Technology 16: 170A-182A.
- *Kocarek TA, Schuetz EG, Guzelian PS. 1991. Selective induction of cytochrome P450e by Kepone (chlordecone) in primary cultures of adult rat hepatocytes. Mol Pharmacol 40(2):203-10.
- *Kocarek TA, Schuetz EG, Guzelian PS. 1991. Selective induction of cytochrome P450e by Kepone (chlordecone) in primary cultures of adult rat hepatocytes. Mol Pharmacol 40:203-210.
- *Kocarek TA, Schuetz EG, Guzelian PS. 1994. Regulation of cytochrome P450 2B1/2 mRNAs by Kepone (chlordecone) and potent estrogens in primary cultures of adult rat hepatocytes on Matngel. Toxicol Lett 71:183-196.
- Koch RB, Desaiah D, Glick B, et al. 1977. Antibody reactivation of Kepone inhibited brain ATPase activities. Gen Pharmacol 8(4):231-234.
- Koch RB, Pate1 TN, Glick B, et al. 1979. Properties of an antibody to kelevan isolated by affinity chromatography: Antibody reactivation of ATPase activities inhibited by pesticides. Pestic Biochem Physiol 12:130-140.
- Kodavanti PR, Cameron JA, Yallapragada PR, et al. 1990a. Effect of chlordecone (Kepone) on calcium transport mechanisms in rat heart sarcoplasmic reticulum. Pharmacol Toxicol 67(3):227-234.
- *Kodavanti PR, Joshi UM, Mehendale HM, et al. 1989a. Chlordecone (Kepone)- potentiated carbon tetrachloride hepatotoxicity in partially hepatectomized rats: A histomorphometric study. J Appl Toxicol 9(6):367-375.
- Kodavanti PR S, Kodavanti UP, Mehendale HM. 1990b. Altered hepatic energy status in chlordecone (Kepone)-potentiated carbon tetrachloride hepatotoxicity. Biochem Pharmacol 40(4):859-866.
- Kodavanti PR S, Kodavanti UP, Mehendale HM. 1991. Carbon tetrachloride-induced alterations of hepatic calmodulin and free calcium levels in rats pretreated with chlordecone. Hepatology (Baltimore) 13(2):230-238.
- *Kodavanti PR S, Mehrotra BD, Chetty SC, et al. 1988. Effect of selected insecticides on rat brain synaptosomal adenylate cyclase and phosphodiesterase. J Toxicol Environ Health 25(2):207-215.
- *Kodavanti PR S, Mehrotra BD, Chetty SC, et al. 1989c. Inhibition of calmodulin-activated adenylate cyclase in rat brain by selected insecticides. Neurotoxicology 10(2):219-228.
- *Kodavanti PRA, Kodavanti UP, Farooin OM, et al. 1992. Pivitol role of hepatocellular regeneration in the ultimate hepatotoxicity of CC14 in chlordecone-, Mirex-, or phenobarbital-pretreated rats. Toxicol Pathol 20(4):556-569.
- *Kodavanti PRA, Rao VC, Mehendale HM. 1993. Loss of calcium homeostasis leads to progressive phase of chlordecone-potentiated carbon tetrachloride hepatotoxicity. Toxicol Appl Pharmacol 122:77-87.

8. REFERENCES

- *Kodavanti PRS, Joshi UM, Young RA, et al. 1989b. Role of hepatocellular regeneration in chlordecone potentiated hepatotoxicity of carbon tetrachloride. *Arch Toxicol* 63:367-375.
- Koller LD. 1979. Effects of environmental contaminants on the immune system. *Adv Vet Sci Comp Med* 23:267-295.
- *Komulainen H, Bondy SC. 1987. Modulation of levels of free calcium within synaptosomes by organochlorine insecticides. *J Pharmacol Exp Ther* 241(2):575-581.
- *Korver MP, Burse VW, Needham LL, et al. 1991. Determination of mirex in human blood serum containing polychlorinated biphenyls by using packed column gas chromatography. *J Assoc Off Anal Chem* 74(5):875-877.
- *Kramer W, Buchert H, Reuter U, et al. 1984. Global baseline pollution studies IX: C6-Cl4 organochlorined compounds in surface-water and deep-sea fish from the eastern North Atlantic. *Chemosphere* 13(11): 1255-1267.
- Krantzberg G, Boyd D. 1991. The biological significance of contaminants in sediment from Hamilton Harbor Lake Ontario Canada. In: Chapman P, Bishay F, Power E, et al., eds. *Proceedings of the Seventeenth Annual Aquatic Toxicity Workshop*, Vancouver, British Columbia, Canada, November 5-7, 1990. Vancouver, British Columbia: Canadian Technical Report of Fisheries and Aquatic Sciences 1(1774):847-884.
- *Krause RT. 1973. Determination of several chlorinated pesticides by the AOAC multiresidue method with additional quantitation of perthane after dehydrochlorination: Collaborative study. *J Assoc Off Anal Chem* 56(3):721-727.
- *Kuhn EP, Suflita JM. 1989. Dehalogenation of pesticides by anaerobic microorganisms in soils and groundwater-a review. In: *Reactions and movement of organic chemicals in soils*. Soil Science Society of America Special Publication 22: 11 l- 180.
- Kupfer D. 1982. Studies on short and long-range estrogenic action of chlorinated hydrocarbon pesticides. In: Hunt VR, Smith MK, Worth D, eds. *Environmental factors in human growth and development*. Banbury Report No. 11, Cold Spring Harbor Laboratory, 379-393.
- *Kutz F, Strassman S, Yobs A. 1979. Survey of pesticide residues and their metabolites in the general population of the United States. Commission of the European Communities EUR, ISS EUR 5824, Use Biol Specimens Assess Hum Exposure Environ Pollut 267-274.
- Kutz FW. 1983. Chemical exposure monitoring. *Residue Rev* 85:277-292.
- *Kutz FW, Strassman SC, Stroup CR, et al. 1985. The human body burden of mirex in the southeastern United States. *J Toxicol Environ Health* 15(3-4):385-394.
- Kutz FW, Wood PH, Bottimore DP. 1991. Organochlorine pesticides and polychlorinated biphenyls in human adipose tissue. In: Ware GW, ed. *Reviews of environmental contamination and toxicology*. Seacucus, NJ: Springer-Verlag, New York, Inc., 120:1-82.

8. REFERENCES

- *Kutz FW, Yobs AR, Johnson WG, et al. 1974. Mirex residues in human adipose tissue. Environmental Entomology 3(5):882-884.
- Kutz FW, Yobs AR, Yang HSC. 1976. National pesticide monitoring programs. In: Lee RE Jr, ed. Air pollution from pesticides and agricultural processes. Cleveland, OH: CRC Press, 95-136.
- *La1 R, Saxena DM. 1982. Accumulation, metabolism, and effects of organochlorine insecticides on microorganisms. Microbial Rev 46(1):95-127.
- Lamartiniere CA, Nicholas JM. 1984. Neonatal chlорdecone alteration of the ontogeny of sex-differentiated hepatic drug and xenobiotic metabolizing enzymes. Biochem Pharmacol 33(24):4092-4095.
- Lambert GH, Hsu CC, Humphrey H, et al. 1992. Cytochrome P450IA2 *in vivo* induction: A potential biomarker of polyhalogenated biphenyls and their related chemical's effects on the human. Chemosphere 25(1-2): 197-200.
- *Lambert GH, Hsu CC, Humphrey H, et al. 1992. Cytochrome P450IA2 *in vivo* induction: a potential biomarker of polyhalogenated biphenyls and their related chemical's effects on the human. Chemosphere 25(1-2): 197-200.
- *Landrigan PJ, Kreiss K, Xintaras C, et al. 1980. Clinical epidemiology of occupational neurotoxic disease. Neurobehav Toxicol 2(1):43-48.
- *Larson PS, Egle JL, Hennigar GR, et al. 1979a. Acute and subchronic toxicity of mirex in the rat, dog and rabbit. Toxiol Appl Pharmacol 49:271-277.
- *Larson PS, Egle JL Jr, Hennigar CR, et al. 1979b. Acute, subchronic, and chronic toxicity of chlорdecone. Toxicol Appl Pharmacol 48:29-41.
- *Larson PS, Hennigar GR, Lane RW, et al. 1978. Acute, subchronic, and chronic toxicological studies with Kepone. Toxicol Appl Pharmacol 45(1):33 1-332.
- *Lawrence LJ, Casida JE. 1984. Interactions of lindane, toxaphene and cyclodienes with brain-specific t-butylbicyclic phosphorothionate receptor. Life Sci 35(2):171-178.
- Leach JF, Charles AK. 1987. Regional mirex distribution and its effects on -aminobutyric acid and flunitrazepam binding in mouse strains. J Toxicol Environ Health 21:423-433.
- *LeBel GL, Williams DT. 1986. Determination of halogenated contaminants in human adipose tissue. J Assoc Off Anal Chem 69:451-458.
- Lederer J. 1978. [Mirex and Kepone, two life-threatening insecticides.] Louvain Med 97(6):357-362. (French)
- Legator MS, Ward JB Jr. 1984. Genetic toxicity: Relevant studies with animals and humans. In: Reproduction: The new frontier in occupational and environmental health research. Prog Clin Biol Res 160:491-525.

8. REFERENCES

- *Lewandowski M, Levi P, Hodgson E. 1989. Induction of cytochrome P-450 isozymes by mirex and chlordcone. *J Biochem Toxicol* 4(3):195-199.
- *Lewis RG, Brown AR, Jackson MD. 1977. Evaluation of polyurethane foam for sampling of pesticides, polychlorinated biphenyls and polychlorinated naphthalenes in ambient air. *Anal Chem* 49(12):1668-1672.
- *Lewis RG, Hanisch RC, MacLeod KE, et al. 1976. Photochemical confirmation of mirex in the presence of polychlorinated biphenyls. *J Agric Food Chem* 24(5):1030-1035.
- *Lewis RG, Lee RE Jr. 1976. Air pollution from pesticides: sources, occurrence, and dispersion. In: *Air Pollution from Pesticides and Agricultural Processes*. Ed: RE Lee, Jr. CRC Press, Inc. pg 18.
- *Lewis TW, Makarewicz JC. 1988. Exchange of mirex between Lake Ontario USA and its tributaries. *Journal of Great Lakes Research* 14(4):388-393.
- *Liao W, Joe T, Cusick WG. 1991. Multiresidue screening method for fresh fruit and vegetables with gas chromatographic/mass spectrometric detection. *J Assoc Off Anal Chem* 74(3):554-565.
- *Linder RE, Scotti TM, McElroy WK, et al. 1983. Spermotoxicity and tissue accumulation of chlordcone (Kepone) in male rats. *J Toxicol Environ Health* 12:183-192.
- Linder RE, Strader LF, McElroy WK. 1986. Measurement of epididymal sperm motility as a test variable in the rat. *Bull Environ Contam Toxicol* 36:317-324.
- *Lloyd FA, Cain CE, Mast J, et al. 1974. Results of pesticide analysis of human maternal blood. *J Mississippi Academy Sciences* 19:79-84.
- *Lockard VG, Mehendale HM, O'Neal RM. 1983a. Chlordcone-induced potentiation of carbon tetrachloride hepatotoxicity: A light and electron microscopic study. *Exp Mol Pathol* 39:230-245
- *Lockard VG, Mehendale HM, O'Neal RM. 1983b. Chlordcone-induced potentiation of carbon tetrachloride hepatotoxicity: A morphometric and biochemical study. *Exp Mol Pathol* 39:246-255.
- Loper JC. 1980. Mutagenic effects of organic compounds in drinking water. *Mutat Res* 76(3):241-268.
- *Lopez-Avila V, Bauer K, Milanes J, et al. 1993. Evaluation of Soxtec extraction procedure for extracting organic compounds from soils and sediments. *J AOAC Int* 76(4):864-880.
- *Lopez-Avila V, Benedicto J, Baldin E. 1992. Analysis of classes of compounds of environmental concern: III. organochlorine pesticides. *J High Res Chromatog* 15:319-328.
- *Lum KR, Kaiser KL, Comba ME. 1987. Export of mirex from Lake Ontario to the St Lawrence estuary. *Sci Total Environ* 67(1):41-51.
- *Lunsford CA, Weinstein MP, Scott L. 1987. Uptake of Kepone by the estuarine bivalve Rangia cuneata, during the dredging of contaminated sediments in the James River, VA. *Water Research* 21:411-416.

8. REFERENCES

- Luster MI, Pfeifer RW, Tucker AN. 1985. The immunotoxicity of natural and environmental estrogens. In: Dean JH, ed. Target organ toxicology series: Immunotoxicology and immunopharmacology. New York, NY: Raven Press Book Inc., 315-326.
- MacDonald CR, Metcalfe CD. 1991. Concentration and distribution of PCB congeners in isolated Ontario (Canada) lakes contaminated by atmospheric deposition. Canadian Journal of Fisheries and Aquatic Sciences 48(3):371-381.
- *Macleod KE, Hanisch RC, Lewis RG. 1982. Evaluation of gel permeation chromatography for clean up of human adipose tissue samples for gas chromatographic-mass spectrometric analysis of pesticides and other chemicals. *J Anal Toxicol* 6(1):38-40.
- Mactutus CF. 1986. Early adrenal steroid influences on neural and behavioral function. *Neurotoxicology* 7(2):77-94.
- Mactutus CF, Tilson HA. 1984. Neonatal chlорdecone exposure impairs early learning and retention of active avoidance in the rat. *Neurobehav Toxicol Teratol* 6(1):75-83.
- Mactutus CF, Tilson HA. 1985. Evaluation of long-term consequences in behavioral and/or neural function following neonatal chlорdecone exposure. *Teratology* 31(2): 177-186.
- Mactutus CF, Unger KL, Tilson HA. 1982. Neonatal chlорdecone exposure impairs early learning and memory in the rat on a multiple measure passive avoidance task. *Neurotoxicology* 3(2):27-44.
- *Mactutus CF, Unger KL, Tilson HA. 1984. Evaluation of neonatal chlорdecone neurotoxicity during early development: Initial characterization. *Neurobehav Toxicol Teratol* 6(1):67-73.
- *Madhukar BV, Matsumura F. 1979. Comparison of induction patterns of rat hepatic microsomal mixed-function oxidases by pesticides and related chemicals. *Pestic Biochem Physiol* 11(1-3):301-308.
- *Mady N, Smith D, Smith J, et al. 1979. Analysis of Kepone in biological samples. In: Trace organic analysis: A new frontier in analytical chemistry, Proceedings of the 9th Materials Research Symposium, National Bureau of Standards, April 10-13, 1978. Gaithersburg, MD: National Bureau of Standards Special Publications, 519:341-343.
- *Maier WE, Costa LG. 1990. Sodium/potassium ATPase in rat brain and erythrocytes as a possible target and marker, respectively, for neurotoxicity: Studies with chlорdecone, organotins and mercury compounds. *Toxicol Lett* 51(2):175-188.
- Maliwal BP, Guthrie FE. 1982. *In vitro* uptake and transfer of chlorinated hydrocarbons among human lipoproteins. *J Lipid Res* 23(3):474-479.
- *Manes J, Font G, Pica Y. 1993. Evaluation of a solid-phase extraction system for determining pesticide residues in milk. *J Chromatog* 642:195-204.
- *Manring JA, Moreland DE. 1981. Effects of chlорdecone on isolated rat liver mitochondria. *Toxicol Appl Pharmacol* 59(3):483-488.

8. REFERENCES

Marcus JM, Renfrow RT. 1990. Pesticides and PCBs in South Carolina USA estuaries. *Marine Pollution Bulletin* 21(2):96-99.

*Marsalek J, Schroeter H. 1988. Annual loadings of toxic contaminants in urban runoff from the Canadian Great Lakes basin. *Water Pollution Research Journal of Canada* 23(3):360-378.

*Martinez AJ, Taylor JR, Dyck PJ, et al. 1978. Chlordcone intoxication in man: II. Ultrastructure of peripheral nerves and skeletal muscle. *Neurology* 28:631-635.

*Maslansky CJ, Williams GM. 1981. Evidence for an epigenetic mode of action in organochlorine pesticide hepatocarcinogenicity: A lack of genotoxicity in rat, mouse and hamster hepatocytes. *J Toxicol Environ Health* 8(1-2):121-130.

*Matsumura F. 1985. Involvement of picrotoxinin receptor in the action of cyclodiene insecticides. *Neurotoxicology* 6(2):139-164.

McMahon BM. 1984. Report on organohalogen pesticides. *J Assoc Off Anal Chem* 67(2):385-388.

McMillan DE. 1982. Effects of chronic administration of pesticides on schedule controlled responding by rats and pigeons. In: Chambers JE, Yarbrough JD, eds. *Effects of chronic exposures to pesticides on animal systems*. New York, NY: Raven Press, 211-226.

*Meany JE, Packer Y. 1979. The *in vitro* inactivation of lactate dehydrogenase by organochlorine insecticides. *Pestic Biochem Physiol* 1 l(1-3):232-242.

*Mehendale HM. 1976. Mirex-induced suppression of biliary excretion of polychlorinated biphenyl compounds. *Toxicol Appl Pharmacol* 36(2):369-381.

*Mehendale HM. 1977a. Chemical reactivity-absorption, retention, metabolism, and elimination of hexachlorocyclopentadiene. *Environ Health Perspect* 21:275-278.

*Mehendale HM. 1977b. Effect of preexposure to Kepone on the biliary excretion of imipramine and sulfobromophthalein. *Toxicol Appl Pharmacol* 40:247-259.

*Mehendale HM. 1977c. Mirex-induced impairment of hepatobiliary function: Suppressed biliary excretion of imipramine and sulfobromophthalein. *Drug Metab Dispos* 5:56-62.

Mehendale HM. 1979. Modification of hepatobiliary function by toxic chemicals. *Federation Proceedings of the Federation of American Societies for Experimental Biology* 38(8):2240-2245.

*Mehendale HM. 1981a. Chlordcone-induced hepatic dysfunction. *J Toxicol Environ Health* 8:743-755.

*Mehendale HM. 1981b. Onset and recovery from chlordcone- and mirex-induced hepatobiliary dysfunction. *Toxicol Appl Pharmacol* 58(1):132-139.

Mehendale HM. 1984. Potentiation of halomethane hepatotoxicity: Chlordcone and carbon tetrachloride. *Fundam Appl Toxicol* 4(3):295-308.

8. REFERENCES

- Mehendale HM. 1989a. Amplification of hepatotoxicity and lethality of carbon tetrachloride and trichloromethane by chlорdecone. *Rev Biochem Toxicol* 10:91-138.
- Mehendale HM. 1989b. Mechanism of the lethal interaction of chlорdecone and CC14 at non-toxic doses. *Toxicol Lett* 49:215-241.
- Mehendale HM. 1990a. Assessment of hepatobiliary function with phenolphthalein and phenolphthalein glucuronide. *Clin Chem Enzyme Commis* 2:19.5-204.
- Mehendale HM. 1990b. Potentiation of halomethane hepatotoxicity by chlорdecone: A hypothesis for the mechanism. *Med Hypotheses* 33(4):289-299.
- Mehendale HM. 1991. Role of hepatocellular regeneration and hepatolobular healing in the final outcome of liver injury: A two-stage model of toxicity. *Biochem Pharmacol* 42(6):1155-1162.
- *Mehendale HM. 1992. Biochemical mechanisms of biphasic dose-response relationships: Role of hormesis. In: Calabrese EJ, ed. *Biological effects of low level exposures to chemicals and radiation*. Workshop, Amherst, MA, April 30 - May 1, 1991. Chelsea, MI: Lewis Publishers, Inc., 59-94.
- *Mehendale HM. 1994. Cellular and molecular foundations of hermetic mechanisms. In: *Biological effects of low level exposures: dose-response relationships*. Editor: Calabrese EJ. Lewis Publishers.
- *Mehendale HM, Chen PF, Fishbein L, et al. 1973. Effect of mirex on the activities of various rat hepatic mixed-function oxidases. *Arch Environ Contam Toxicol* 1(3):245-254.
- *Mehendale HM, Fishbein L, Fields M, et al. 1972. Fate of mirex-¹⁴C in the rat and plants. *Bull Environ Contam Toxicol* 8:200-207.
- *Mehendale HM, Ho IK, Desaiah D. 1978a. Mirex-induced interference of energy metabolism and hepatobiliary dysfunction. *Fed Proc Fed Am Soc Exp Biol* 37(3):299.
- Mehendale HM, Ho IK, Desaiah D. 1979a. Possible molecular mechanism of mirex-induced hepatobiliary dysfunction. *Drug Metab Dispos* 7(1):28-33.
- *Mehendale HM, Klingensmith JS. 1988. *In vivo* metabolism of carbon tetrachloride by rats pretreated with chlорdecone, mirex, or phenobarbital. *Toxicol Appl Pharmacol* 93(2):247-256.
- Mehendale HM, Onoda K, Curtis LR, et al. 1979b. Induction of hepatic mixed function oxidases by photomirex. *J Agric Food Chem* 27(6):1416-1418.
- *Mehendale HM, Purushotham KR, Lockard VG. 1989. The time course of liver injury and [³H]thymidine incorporation in chlорdecone-potentiated trichloromethane hepatotoxicity. *Exp Mol Pathol* 51(1):31-47.
- Mehendale HM, Ray SD. 1990. Inhibition of cell division in hepatoma cell cultures by chlорdecone and carbon tetrachloride combination. *Toxicology in vitro* 4(3):179-183.

8. REFERENCES

- Mehendale HM, Ray SD, Cai Z. 1991. Paradoxical toxicity of carbon tetrachloride in isolated hepatocytes from chlordcone, phenobarbital and mirex pretreated rats. *In vitro Toxicology* 4(3):187-196.
- *Mehendale HM, Takanaka A, Desaiah D, et al. 1977a. Kepone induction of hepatic mixed function oxidases. *Life Sci* 20(6):991-997.
- *Mehendale HM, Takanaka A, Desaiah D, et al. 1978b. Effect of preexposure to Kepone on hepatic mixed function oxidases in the female rat. *Toxicol Appl Pharmacol* 44:171-180.
- *Merck. 1989. The Merck index: An encyclopedia of chemicals, drugs, and biologicals. 11th ed., Budavari S, O'Neil MJ, Smith A, et al. eds. Rahway, NJ: Merck and Co., Inc., 321, 977.
- *Mes J. 1992. Organochlorine residues in human blood and biopsy fat and their relationship. *Bull Environ Contam Toxicol* 48(6):815-820.
- *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 Add Contam* 10(4):429-441.
- *Mes J, Davies DJ, Miles W. 1978. Traces of mirex in some Canadian human milk samples. *Bull Environ Contam Toxicol* 19:564-570.
- *Mes J, Davies DJ, Turton D, et al. 1986. Levels and trends of chlorinated hydrocarbon contaminants in the breast milk of Canadian women. *Food Addit Contam* 3(4):313-322.
- *Mes J, Marchand L, Davies DJ. 1990. Organochlorine residues in adipose tissue of Canadians. *Bull Environ Contam Toxicol* 45(5):681-688.
- *Metcalf RL, Kapoor IP, Lu PY, et al. 1973. Model ecosystem studies of the environmental fate of six organochlorine pesticides. *Environ Health Perspect* 1973:35-44.
- *Metcalfe JL, Charlton MN. 1990. Freshwater mussels as biomonitor for organic industrial contaminants and pesticides in the St. Lawrence river. *Sci Total Environ* 97-98:595-615.
- Meyer CR. 1984. Critical review of studies relating occupational exposures of males and reproductive capacity. In: Lackey JE, Lemasters GK, Keye WR Jr, eds. *Reproduction: The new frontier in occupational and environmental health research*. New York, NY: Alan R. Liss, Inc., 375-384.
- *Meyer SA, Kim TW, Moser GL, et al. 1994. Synergistic interaction between the non-phorbol ester-type promoter mirex and 12-o-tetradecanoylphorbol-13-acetate in mouse skin tumor promotion. *Carcinogenesis* 15(1):47-52.
- Meyers CY, Kolb VM, Gass GH, et al. 1988. Doisynolic-type acids - uterotropically potent estrogens which compete poorly with estradiol for cytosolic estradiol receptors. *J Steroid Biochem* 31(4A):393-404.

8. REFERENCES

- *Minyard JP Jr, Roberts WE. 1991. State findings on pesticide residues in foods: 1988 and 1989. *J Assoc Off Anal Chem* 74(3):438-452.
- *Mishra SK, Koury M, Desaiah D. 1980. Inhibition of calcium ATPase activity in rat brain and muscle by chlорdecone. *Bull Environ Contam Toxicol* 25:262-268.
- *Mitra A, Richards I, Kitchin K, et al. 1990. Mirex induces ornithine decarboxylase in female rat liver. *J Biochem Toxicol* 5(2):119-124.
- Miyazaki T, Yamagishi T, Matsumoto M. 1986. [Identification of 1,2,4,5-tetrabromobenzene and mirex in human milk by gas chromatography-mass spectrometry.] *Journal of the Food Hygienic Society of Japan* 27(3):267-271. (Japanese)
- Molowa DT, Shayne AG, Guzelian PS. 1986a. Purification and characterization of chlорdecone reductase from human liver. *J Biol Chem* 261(27):12624-12627.
- *Molowa DT, Wnghton SA, Blanke RV, et al. 1986b. Characterization of a unique aldo-keto reductase responsible for the reduction of chlорdecone in the liver of the gerbil and man. *J Toxicol Environ Health* 17:375-384.
- *Morgan DP, Roan CC. 1974. Liver function in workers having high tissue stores of chlorinated hydrocarbon pesticides. *Arch Environ Health* 29:14-17.
- *Morgan DP, Sandifier SH, Hetzler HL, et al. 1979. Test for *in vivo* conversions of mirex to Kepone. *Bull Environ Contam Toxicol* 22:238-244.
- *Mortelmans K, Haworth S, Lawlor T, et al. 1986. Salmonella mutagenicity tests: II. Results from the testing of 270 chemicals. *Environ Mutagen* 8(Suppl. 7):1-119
- *Mosernan RF, Crist HL, Edger-ton TR, et al. 1977. Electron capture gas chromatographic determination of Kepone residues in environmental samples. *Arch Environ Contam Toxicol* 6(2-3):221-231.
- *Mosernan RF, Ward MK, Crist HL, et al. 1978. A micro derivation technique for the confirmation of trace quantities of Kepone. *J Agric Food Chem* 26(4):965-968.
- *Moser GJ, Meyer SA, Smart RC. 1992. The chlorinated pesticide mirex is a novel nonphorbol ester-type tumor promoter in mouse skin. *Cancer Res* 52(3):631-636.
- *Moser GJ, Robinette CL, Smart RC. 1993. Characterization of skin tumor promotion by mirex: structure-activity relationships, sexual dimorphism and presence of Ha-ras mutation. *Carcinogenesis* 14(6):1155-1160.
- Moser GJ, Smart RC. 1989. Hepatic tumor-promoting chlorinated hydrocarbons stimulate protein kinase C activity. *Carcinogenesis (London)* 10(5):851-856.
- Moutschen-Dahmen J, Moutschen-Dahmen M, Degraeve N. 1984. Mutagenicity, carcinogenicity, and teratogenicity of insecticides. In: *Mutagenicity, carcinogenicity, and teratology of industrial pollutants*. 127-203.

8. REFERENCES

- *Mudami AR, Hassett JP. 1988. Photochemical activity of mirex associated with dissolved organic matter. *Chemosphere* 17: 1133-1 146.
- *Mudroch A, Williams D. 1989. Suspended sediments and the distribution of bottom sediments in the Niagara River. *Journal of Great Lakes Research* 15(3):427-436.
- *Muir DC, Ford CA, Grift NP, et al. 1990. Geographic variation of chlorinated hydrocarbons in burbot (*Lota lota*) from remote lakes and rivers in Canada. *Arch Environ Contam Toxicol* 19(4):530-542.
- Murphy MJ, Piper LJ, McMartin DN, et al. 1980. The role of cytochrome P-450-inducing agents in potentiating the toxicity of fluroxene (2,2,2-trifluoroethyl vinyl ether). *Toxicol Appl Pharmacol* 52(1):69-81.
- Murray FJ, Schwetz BA, Balmer MF, et al. 1980. Teratogenic potential of hexachlorocyclopentadiene in mice and rabbits. *Toxicol Appl Pharmacol* 53(3):497-500.
- *Mussalo-Rauhamaa H, Pyysalo H, Antervo K. 1988. Relation between the content of organochlorine compounds in Finnish human milk and characteristics of the mothers. *J Toxicol Environ Health* 25(1):1-19.
- *Mussalo-Rauhamaa H, Pyysalo H, Antervo K. 1993. Relation between the content of organochlorine compounds in Finnish human milk and characteristics of the mothers. *J Toxicol Environ Health* 25:1-19.
- Mutter LC, Blanke RV, Jandacek RJ, et al. 1988. Reduction in the body content of DDE in the Mongolian gerbil treated with sucrose polyester and caloric restriction. *Toxicol Appl Pharmacol* 92(3):428-435.
- *NAS/NRC. 1989. Biologic markers in reproductive toxicology. National Academy of Sciences/National Research Council. Washington, DC: National Academy Press, 15-35.
- *NATICH. 1992. National Air Toxics Information Clearinghouse. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards.
- *NCI. 1976. Report on carcinogenesis bioassay of technical grade chlорdecone (Kepone). Washington, DC: U.S. Government Printing Office, Carcinogenesis Program, Division of Cancer Cause and Prevention.
- Neilson AH. 1990. The biodegradation of halogenated organic compounds. *J Appl Bacterial* 69(4):445-470.
- Nelson BD. 1975. Action of cyclodiene pesticides on oxidative phosphorylation in rat liver mitochondria. *Biochem Pharmacol* 24(16):1485-1490.
- Nelson BK. 1985. Developmental neurotoxicology of environmental and industrial agents. In: Blum, Manzo. Drug and chemical toxicology series: No. 3. Neurotoxicology (Marcel Dekker): 163-201.

8. REFERENCES

Newman S, Guzelian PS. 1982. Stimulation of de novo synthesis of cytochrome P 450 by phenobarbital in primary nonproliferating cultures of adult rat hepatocytes. Proc Natl Acad Sci U. S. A . 79(9):2922-2926.

*Nichols MM. 1990. Sedimentologic fate and cycling of Kepone in an estuarine system: Example from the James River estuary. Sci Total Environ 97/98:407-440.

*Niethammer KR, White DH, Baskett TS, et al. 1984. Presence and biomagnification of organochlorine chemical residues in Oxbow Lakes of northeastern Louisiana. Arch Environ Contam Toxicol 13(1):63-74.

*NIOSH. 1984. NIOSH manual of analytical methods. 3rd ed. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute of Occupational Safety and Health. Method 5508, l-4.

*NIOSH. 1992. Recommendations for occupational safety and health: Compendium of policy documents and statements. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health.

NLM. 1977. Kepone: I. A literature summary: II. An abstracted literature collection, 1952-1977. Bethesda, MD: National Library of Medicine, Toxicology Information Program. Document No. ORNL/TIRC-76/3.

*Norstrom RJ, Hallet DJ, Onuska FI, et al. 1980b. Mirex and its degradation products in Great Lakes herring gulls. Environ Sci Technol 14(7):860-866.

*Norstrom RJ, Won HT, Holdrinet MVH, et al. 1980a. Gas-liquid chromatographic determination of mirex and photomirex in the presence of polychlorinated biphenyls: Interlaboratory study. J Assoc Off Anal Chem 63(1):37-42.

NRC. 1978. Kepone/ mirex/ hexachlorocyclopentadiene: An environmental assessment. Washington, DC: National Academy of Sciences, National Research Council. Document No. PB 280 289.

*NREPC. 1986. Proposed regulation. Frankfort, KY: Department for Environmental Protection, Natural Resources and Environmental Protection Cabinet. 401 KAR 63:022.

NTP. 1982. Mutagenesis testing results. NTP Tech Bull (7):5-9.

NTP. 1984. Reproductive toxicology of chlordcone (Kepone). Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, National Toxicology Program. Document No. NTP 84-016.

*NTP. 1990. National Toxicology Program. Toxicology and carcinogenesis studies of mirex (CAS No. 2385-85-5) in F344/N rats (feed studies). Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, National Toxicology Program. NTP TR 3 13.

8. REFERENCES

- *NTP. 1994. National Toxicology Program. Seventh Annual Report on Carcinogens, vol 1. U.S. Department of Health and Human Services.
- *Oliver BG, Charlton MN. 1984. Chlorinated organic contaminants on settling particulates in the Niagara River vicinity of Lake Ontario. *Environmental Science and Technology* 18:903-908.
- *Oliver BG, Charlton MN, Durham RW. 1989. Distribution, redistribution, and geochronology of polychlorinated biphenyl congeners and other chlorinated hydrocarbons in Lake Ontario sediments. *Environmental Science and Technology* 23(2):200-208.
- *Oliver BG, Nicol KD. 1984. Chlorinated contaminants in the Niagara River, 1981-1983. *Sci Total Environ* 3957-70.
- *Oliver BG, Niimi AJ. 1985. Bioconcentration factors of some halogenated organics for Rainbow Trout: Limitation in their use for predictions of environmental residues. *Environmental Science and Technology* 19:842-849.
- *Oliver BG, Niimi AJ. 1988. Trophodynamic analysis of polychlorinated biphenyl congeners and other chlorinated hydrocarbons in the Lake Ontario ecosystem. *Environmental Science and Technology* 22:388-397.
- Omann G, Lakowicz JR. 1977. Pesticide uptake into membranes measured by fluorescence quenching. *Science* 197(4302):465-467.
- *Onuska FI, Comba ME, Cobum JA. 1980. Quantitative determination of mirex and its degradation products by high-resolution capillary gas chromatography/mass spectrometry. *Anal Chem* 52(14):2272-2275.
- *Onuska FI, Terry KA. 1993. Extraction of pesticides from the sediments using a microwave technique. *Chromatographia* 36: 191- 194.
- *Omdorff SA, Colwell RR. 1980. Microbial transformation of Kepone. *Appl Environ Microbial* 39(2):398-406.
- Oswald EO, Albro PW, McKinney JD. 1974. Utilization of gas-liquid chromatography coupled with chemical ionization and electron impact mass spectrometry for the investigation of potentially hazardous environmental agents and their metabolites. *J Chromatogr* 98(2):363-448.
- Packham ED, Thompson JE, Mayfield CI, et al. 1981. Perturbation of lipid membranes by organic pollutants. *Arch Environ Contam Toxicol* 10(3):347-356.
- Paterson S, Mackay D, Tam D, et al. 1990. Uptake of organic chemicals by plants: A review of processes, correlations and models. *Chemosphere* 21:297-331.
- Pepprell J. 1980. A comparison of the cytochrome P-450 species induced by mirex and 3,4,5,3',4',5'-hexachlorobiphenyl in hepatic microsomes of the mouse. *Environ Res* 23(2):309-318.