

9. REFERENCES

- *Abad A, Manclus JJ, Mojarrad F, et al. 1997. Hapten synthesis and production of monoclonal antibodies to DDT and related compounds. *J Agric Food Chem* 45:3694-3702.
- *Abou-Arab AA. 1999. Behavior of pesticides in tomatoes during commercial and home preparation. *Food Chem* 65:509-514.
- Abraham K, Pöpke O, Wahn U, et al. 2000. POP accumulation in infants during breast-feeding. *Organohalogen Compounds* 48:25-26.
- ACGIH. 1998. Threshold limit values for chemical substances and physical agents. 6th ed. American Conference of Governmental Industrial Hygienists. Cincinnati, OH
- *ACGIH. 2001. Threshold limit values for chemical substances and physical agents and biological exposure indices. American Conference of Governmental Industrial Hygienists. Cincinnati, OH.
- *Adami H-O, Lipworth L, Titus-Ernstoff L, et al. 1995. Organochlorine compounds and estrogen-related cancers in women. *Cancer Causes Control* 6:551-566.
- *Adamson R, Sieber S. 1979. The use of nonhuman primates for chemical carcinogenesis studies. *Ecotoxicol Environ Qual* 2:257-296.
- *Adamson R, Sieber S. 1983. Chemical carcinogenesis studies in nonhuman primates. *Basic Life Sci* 24:129-156.
- *Addison RF, Stobo WT. 2001. Trends in organochlorine residue concentrations and burdens in grey seals (*Halichoerus grypus*) from Sable Is., NS, Canada, between 1974-1994. *Environ Pollut* 112(3):505-513.
- *Adenuga G, Bababunmi E, Hendrickse R. 1992. Depression of the CA^{2+} -ATPase activity of the rat liver endoplasmic reticulum by the liver tumour promoters 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane and phenobarbital. *Toxicology* 71:1-6.
- *Adeshina F, Todd E. 1990. Organochlorine compounds in human adipose tissue from north Texas. *J Toxicol Environ Health* 29:147-156.
- Adeshina F, Todd EL. 1991. Exposure assessment of chlorinated pesticides in the environment. *J Environ Sci Health A26(1)*:139-154.
- *Adinolfi M. 1985. The development of the human blood-CSF-brain barrier. *Dev Med Child Neurol* 27:532-537.
- *Adlercreutz H. 1995. Phytoestrogens: Epidemiology and a possible role in cancer protection. *Environ Health Perspect* 103(Suppl 7):103-112.

*Cited in text

9. REFERENCES

- *Agarwal HC, Pillai MKK, Yadav DV, et al. 1976. Residues of DDT and its metabolites in human blood samples in Delhi, India. *Bull World Health Organ* 54:349-351.
- *Agarwal N, Sanyal S, Khuller G, et al. 1978. Effect of acute administration of dichlorodiphenyl trichloroethane on certain enzymes of Rhesus monkey. *Indian J Med Res* 68:1001-1006.
- *Agthe C, Garcia H, Shubik P, et al. 1970. Study of the potential carcinogenicity of DDT in the Syrian golden hamster (34740). *Proc Soc Exp Biol Med* 134:113-116.
- *Aguilar C, Penalver A, Pocerull E, et al. 1999. Optimization of solid-phase microextraction conditions using a response surface methodology to determine organochlorine pesticides in water by gas chromatography and electron-capture detection. *J Chromatogr A* 844:425-432
- *Ahlborg U, Lipworth L, Titus-Ernstoff L, et al. 1995. Organochlorine compounds in relation to breast cancer, endometrial cancer, and endometriosis: An assessment of the biological and epidemiological evidence. *Crit Rev Toxicol* 25(6):463-531.
- Ahmad N, Bugueno G, Guo L, et al. 1999. Determination of organochlorine and organophosphate pesticide residues in fruits, vegetables and sediments. *J Environ Sci Health B* 34(5):829-848.
- *Ahmed F, Hart R, Lewis N. 1977. Pesticide induced DNA damage and its repair in cultured human cells. *Mutat Res* 42:161-174.
- Ahmed SA. 2000. The immune system as a potential target for environmental estrogens (endocrine disruptors): a new emerging field. *Toxicology* 150:191-206.
- *Aigner E, Leone A, Falconer R. 1998. Concentrations and enantiomeric ratios of organochlorine - pesticides in soils from the U.S. corbel. *Environ Sci Technol* 32:1162-1168
- *Aislabie JM, Richards NK, Boul HL. 1997. Microbial degradation of DDT and its residues—a review. *N Z J Agric Res* 40:269-282.
- *Akiyama Y, Yoshioka N, Tsuji M. 2000. Solid-phase extraction for cleanup of pesticide residues suspected as endocrine disruptors in foods. *J Health Sci* 46(1):49-55.
- Aktay G, Deliorman D, Ergun E, et al. 2000. Hepatoprotective effects of Turkish folk remedies on experimental liver injury. *J Ethnopharmacol* 73:121-129.
- Albone ES, Eglinton G, Evans NC, et al. 1972. Fate of DDT in Severn estuary sediments. *Environ Sci Technol* 6:914-919.
- *Alexander M. 1995. How toxic are toxic chemicals in soil? *Environ Sci Technol* 28(11):2713-2717.
- *Alexander M. 1997. Sequestration and bioavailability of organic compounds in soil. In: Linz DG, Nakles DU, eds. *Environmentally acceptable endpoints in soil*. Annapolis, MD: American Academy of Environmental Engineers, 43-136.
- Al-jamal JH, Dubin NH. 2000. The effect of raloxifene on the uterine weight response in immature mice exposed to 17 β -estradiol, 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane, and methoxychlor. *Am J Obstet Gynecol* 182:1099-1102.

9. REFERENCES

- *Allen-Gil SM, Gubala CP, Wilson R, et al. 1997. Organochlorine pesticides and polychlorinated biphenyls (PCBs) in sediments and biota from four US arctic lakes. *Arch Environ Contam Toxicol* 33:378-387.
- *Altman PK, Dittmer DS, eds. 1974. *Biological handbooks: Biology data book*. Vol. III, 2nd ed. Bethesda, MD: Federation of American Societies for Experimental Biology, 1987-2008.
- Altschuh J, Bruggermann R, Santl H, et al. 1999. Henry's law constants for a diverse set of organic chemicals Experimental determination and comparison of estimation methods. *Chemosphere* 39(11):1871-1887.
- Altshul L, Korrick S, Tolbert P, et al. 1999. Cord blood levels of PCBs, p,p'-DDE and HCB in infants born in communities adjacent to a PCB-contaminated hazardous waste site. *Organohalogen Compounds* 44:67-70.
- *Amacher D, Zelljadt I. 1984. Mutagenic activity of some clastogenic chemicals at the hypoxanthine guanine phosphoribosyl transferase locus of Chinese hamster ovary cells. *Mutat Res* 136:137-145.
- Ames A, Van Vleet E. 1996. Organochlorine residues in the Florida Manatee, *Trichechus manatus latirostris*. *Mar Pollut Bull* 32(4):374-377.
- Andersen A, Kasperlik-Zaluska AA, Warren DJ. 1999. Determination of mitotane (o,p'-DDD) and its metabolites o,p'-DDA and o,p'-DDE in plasma by high performance liquid chromatography. *Ther Drug Monit* 21:355-359.
- *Andersen ME, Kirshnan K. 1994. Relating in vitro to in vivo exposures with physiologically based tissue dosimetry and tissue response models. In: Salem H, ed. *Animal test alternatives: Refinement, reduction, replacement*. New York, NY: Marcel Dekker, Inc., 9-25.
- *Andersen ME, Clewell HJ, Gargas ML, et al. 1987. Physiologically based pharmacokinetics and the risk assessment process for methylene chloride. *Toxicol Appl Pharmacol* 87:185-205.
- *Anderson H. 1985. Utilization of adipose tissue biopsy in characterizing human halogenated hydrocarbon exposure. *Environ Health Perspect* 60:127-131.
- Anderson HA, Wolff MS. 2000. Environmental contaminants in human milk. *J Expo Anal Environ Epidemiol* 10:755-760.
- *Anderson HA, Falk C, Hanrahan L, et al. 1998. Profiles of Great Lakes critical pollutants: A sentinel analysis of human blood and urine. *Environ Health Perspect* 106(5):279-289.
- *Anderson K, Johnson E. 2001. Bioavailable organo chlorine pesticides in a semi-arid region of eastern Oregon, USA, as determined by gas chromatography with electron-capture detection. *J AOAC Int* 84:1371-1382
- Ando M. 1978. Transfer of 2,4,5,2',4',5'-hexachlorobiphenyl and 2,2-bis(p-chlorophenyl), 1,1,1-trichloroethane (p,p'-DDT) from maternal to newborn and suckling rats. *Arch Toxicol* 41:179-186.
- *Ando M. 1979. Effects of cadmium on the metabolism of p,p'-DDT [2,2-bis(p-chlorophenyl)-1,1,1-trichloroethane] in rats. *Environ Res* 19:70-78.

9. REFERENCES

- Ando M. 1982. Dose-dependent excretion of DDE (1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene) in rats. *Arch Toxicol* 49:139-147.
- *Andrea M, Tomita R, Luchini L, et al. 1994. Laboratory studies on volatilization and mineralization of ¹⁴C-p,p'-DDT in soil, release of bound residues and dissipation from solid surfaces. *J Environ Sci Health B29(1)*:133-139.
- Andrews SA, Colvin HJ. 1989. Verification of intoximeter 3000 breath alcohol concentration by magnesium perchlorate tube method in long-term field program. *J Anal Toxicol* 13:113-116.
- *Anthony RG, Miles AK, Estes JA, et al. 1999. Productivity, diets, and environmental contaminants in nesting bald eagles from the Aleutian Archipelago. *Environ Toxicol Chem* 18:2054-2062
- Arbuckle TE, Sever LE. 1998. Pesticide exposures and fetal death: A review of the epidemiologic literature. *Crit Rev Toxicol* 28(3):229-270.
- *Archibeque-Engle S, Tessari J, Winn D, et al. 1997. Comparison of organochlorine pesticide and polychlorinated biphenyl residues in human breast adipose tissue and serum. *J Toxicol Environ Health* 52:285-293.
- *Ardies C, Dees C. 1998. Xenoestrogens significantly enhance risk for breast cancer during growth and adolescence. *Med Hypotheses* 50:457-464.
- *Arisoy M. 1998. Biodegradation of chlorinated organic compounds by white-rot fungi. *Bull Environ Contam Toxicol* 60:872-876.
- *Aronson KJ, Miller AB, Woolcott CG, et al. 2000. Breast adipose tissue concentrations of polychlorinated biphenyls and other organochlorines and breast cancer risk. *Cancer Epidemiol Biomarkers Prev* 9:55-63.
- *Arthur R, Cain J, Barrentine B. 1977. DDT residues in air in the Mississippi delta, 1975. *Pestic Monit J* 10:168.
- *Aschengrau A, Coogan P, Quinn M, et al. 1998. Occupational exposure to estrogenic chemicals and the occurrence of breast cancer: An exploratory analysis. *Am J Ind Med* 34:6-14.
- *Ashari E, Gabliks J. 1973. DDT and immunological responses: II. Altered histamine levels and anaphylactic shock in guinea pigs. *Arch Environ Health* 26:309-312.
- *Asplund L, Svensson B-G, Nilsson A, et al. 1994. Polychlorinated biphenyls, 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane (p,p'-DDT) and 1,1-dichloro-2,2-bis(p-chlorophenyl)-ethylene (p,p'-DDE) in human plasma related to fish consumption. *Arch Environ Health* 49(6):477-486.
- Astroff AB, Young AD. 1998. The relationship between maternal and fetal effects following maternal organophosphate exposure during gestation in the rat. *Toxicol Ind Health* 14(6):869-889.
- *Atlas E, Foster R, Glam C. 1982. Air-sea exchange of high molecular weight organic pollutants: Laboratory studies. *Environ Sci Technol* 16:283-286.

9. REFERENCES

- *ATSDR. 1989. Decision guide for identifying substance-specific data needs related to toxicological profiles. Agency for Toxic Substances and Disease Registry, U.S. Public Health Service. Federal Register vol 54 no. 174.
- *Attaran A, Roberts DR, Curtis CF, et al. 2000. Balancing risks on the backs of the poor. *Nature Med* 6:729-731
- Attia AM, Awney HA, Habib SL, et al. 1999. O⁶-alkylguanine-DNA-alkyltransferase and cytochrome P-450 activities in mice treated with lindane, DDT, and endrin. *Environ Nutr Interact* 3:155-165.
- *Atuma SS, Aune M. 1999. Method for the determination of PCB congeners and chlorinated pesticides in human blood serum. *Bull Environ Contam Toxicol* 62:8-15.
- *Austin H, Keil J, Cole P. 1989. A prospective follow-up study of cancer mortality in relation to serum DDT. *Am J Public Health* 79:43-46.
- *Azevedo JA, Hunt EG, Woods LA. 1965. Physiological effects of DDT on pheasants. *Calif Fish Game* 51(4):276-293.
- Backstrom J, Hansson E, Ullberg S. 1965. Distribution of C¹⁴-DDT and ¹⁴C-dieldrin in pregnant mice determined by whole-body autoradiography. *Toxicol Appl Pharmacol* 7:90-96.
- *Bagga D, Anders KH, Wang H-J, et al. 2000. Organochlorine pesticide content of breast adipose tissue from women with breast cancer and control subjects. *J Natl Cancer Inst* 92(9):750-753.
- *Baker RD, Applegate HG. 1970. Effect of temperature and ultraviolet radiation on the persistence of methyl parathion and DDT in soils. *Agron J* 62:509-512.
- *Bakke JE, Bergman AL, Larsen GL. 1982. Metabolism of 2,4',5-trichlorobiphenyl by the mercapturic acid pathway. *Science* 217(13):645-647.
- *Balaguer P, Francois F, Comunale F, et al. 1999. Reporter cell lines to study the estrogenic effects of xenoestrogens. *Sci Total Environ* 233:47-56.
- *Banerjee B. 1987a. Sub-chronic effect of DDT on humoral immune response to a thymus-independent antigen (bacterial lipopolysaccharide) in mice. *Bull Environ Contam Toxicol* 39:822-826.
- *Banerjee B. 1987b. Effects of sub-chronic DDT exposure on humoral and cell-mediated immune responses in albino rats. *Bull Environ Contam Toxicol* 39:827-834.
- Banerjee BD. 1999. The influence of various on immune toxicity assessment of pesticide chemicals. *Toxicol Lett* 107:21-31.
- *Banerjee B, Koner B, Pashsa S. 1997a. Influence of DDT exposure on susceptibility to human leprosy bacilli in mice. *Int J Lepr* 65:97-99.
- *Banerjee B, Koner B, Ray A. 1997b. Influence of stress on DDT-induced humoral immune responsiveness in mice. *Environ Res* 74:43-47.
- *Banerjee B, Pasha ST, Koner BC. 1996. Hapten synthesis and production of rabbit antibodies with reactivity to DDT and its metabolites for the development of an immunoassay. *Med Sci Res* 24:553-555.

9. REFERENCES

- *Banerjee B, Ramachandran M, Hussain Q. 1986. Sub-chronic effect of DDT on humoral immune response in mice. *Bull Environ Contam Toxicol* 37:433-440.
- Banerjee BD, Ray A, Pasha ST. 1996. A comparative evaluation of immunotoxicity of DDT and its metabolites in rats. *Indian J Exp Biol* 34:517-522.
- *Banerjee B, Saha S, Mohapatra T, et al. 1995. Influence of dietary protein on DDT-induced immune responsiveness in rats. *Indian J Exp Biol* 33:739-744.
- *Barahona MV, Sánchez-Fortún S. 1996. Comparative sensitivity of three age classes of *Artemia salina* larvae to several phenolic compounds. *Bull Environ Contam Toxicol* 56:271-278.
- *Bard SM. 1999. Global transport of anthropogenic contaminants and the consequences for the arctic marine ecosystem. *Mar Pollut Bull* 38(5):356-379.
- *Baris D, Zahm S, Cantor K, et al. 1998. Agricultural use of DDT and risk of non-Hodgkin's lymphoma: Pooled analysis of three case control studies in the United States. Bethesda, MD: National Cancer Institute.
- *Barnes DG, Dourson M. 1988. Reference dose (RfD): Description and use in health risk assessments. *Regul Toxicol Pharmacol* 8:471-486.
- Barquet A, Morgade C, Pfaffenberger C. 1981. Determination of organochlorine pesticides and metabolites in drinking water, human blood serum, and adipose tissue. *J Toxicol Environ Health* 7:469-479.
- Barrie L, Gregor D, Hargrave B, et al. 1992. Arctic contaminants: Sources, occurrence and pathways. *Sci Total Environ* 122:1-74.
- *Bathe R, Ullmann L, Sachsse K, et al. 1976. Relationship between toxicity to fish and to mammals: A comparative study under defined laboratory conditions. *Proc Eur Soc Toxicol* 17:351-355.
- *Bayarri S, Conchello P, Arino A, et al. 1994. DDT, DDT metabolites, and other organochlorines as affected by thermal processing in three commercial cuts of lamb. *Bull Environ Contam Toxicol* 52:554-559.
- *Beard J, Marshall S, Jong K, et al. 2000. 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)-ethane (DDT) and reduced bone mineral density. *Arch Environ Health* 55(3):177-180.
- *Beasley HL, Phongkham T, Daunt MH, et al. 1998. Development of a panel of immunoassays for monitoring DDT, its metabolites, and analogues in food and environmental matrices. *J Agric Food Chem* 46:3339-3352.
- *Becker PR, Mackey EA, Demiralp R, et al. 1997. Concentrations of chlorinated hydrocarbons and trace elements in marine mammal tissues archived in the U.S. National Biomonitoring Specimen Bank. *Chemosphere* 34(9/10):2067-2098.
- Beckmen KB, Ylitalo GM, Towell RG, et al. 1999. Factors affecting organochlorine contaminant concentrations in milk and blood of northern fur seal (*Callorhinus ursinus*) dams and pups for St. George Island, Alaska. *Sci Total Environ* 231:183-200.

9. REFERENCES

- *Behzadi H, Lalancette RA. 1991. Extending of the use of USEPA method 1625 for the analysis of 4,4'-DDT, 4,4'-DDD, and 4,4'-DDE. *Microchem J* 44:122-129.
- *Bend JR, Miller DS, Kinter WB, et al. 1977. DDE-induced microsomal mixed-function oxidases in the puffin (*Fratercula arctica*). *Biochem Pharmacol* 26:1000-1001.
- *Ben-Dyke R, Sanderson D, Noakes D. 1970. Acute toxicity data for pesticides (1970). *World Rev Pestic Cont* 9:119-127.
- *Bennison B, Mostofi F. 1950. Observations on inbred mice exposed to DDT. *J Natl Cancer Inst* 10:989-992.
- *Berganstal D, Hertz R, Lipsett M, et al. 1960. Chemotherapy of adrenocortical cancer with o,p'-DDD. *Ann Intern Med* 53(4):672-682.
- *Berger G. 1994. Epidemiology of endometriosis. In: *Modern surgical management of endometriosis*. New York, NY: Springer-Verlag.
- Bergman A, Brouwer A, Ghosh M, et al. 1997. Risk of endocrine contaminants (RENCO)- aims and a summary of initial results. *Organohalogen Compounds* 34:396-401.
- *Bergman A, Norstrom R, Haraguchi K, et al. 1994. PCB and DDE methyl sulfones in mammals from Canada and Sweden. *Environ Toxicol Chem* 13:121-128.
- *Berkowitz G, Lapinski R, Wolff M. 1996. The role of DDE and polychlorinated biphenyl levels in preterm birth. *Arch Environ Contam Toxicol* 30:139-141.
- *Bernard RF. 1963. Studies on the effects of DDT on birds. Volume 2. Baker R, Ball R, Cantlon J, et al. ed. Lansing, Michigan: Michigan State University.
- *Bernard R, Gaertner R. 1964. Some effects of DDT on reproduction in mice. *J Mammal* 45(2):272-276.
- Bevenue A. 1976. The "bioconcentration" aspects of DDT in the environment. *Residue Rev* 61:37-112.
- *Bevenue A, Hylin J, Kawano Y, et al. 1972. Organochlorine pesticide residues in water, sediment, algae, and fish: Hawaii, 1970-71. *Pestic Monit J* 6(1):56-64.
- *Bidleman T. 1988. Atmospheric processes: Wet and dry deposition of organic compounds are controlled by their vapor-particle partitioning. *Environ Sci Technol* 22(4):361-367.
- *Bidleman T, Christensen E, Billings W, et al. 1981. Atmospheric transport of organochlorines in the North Atlantic gyre. *J Mar Res* 39:443-464.
- *Bidleman TF, Cotham WE, Addison RF, et al. 1992. Organic contaminants in the northwest Atlantic atmosphere at Sable Island, Nova Scotia 1988-1989. *Chemosphere* 24:1389-1412.
- *Bidleman T, Matthews J, Olney C, et al. 1978. Separation of polychlorinated biphenyls, chlordane, and *p,p'*-DDD from toxaphene by silicic acid column chromatography. *J Assoc Off Anal Chem* 61(4):820-828.

9. REFERENCES

- *Bidleman T, Walla M, Roura R, et al. 1993. Organochlorine pesticides in the atmosphere of the southern ocean and Antarctica, January-March, 1990. *Mar Pollut Bull* 26(5):258-262.
- *Bishop CA, Brooks RJ, Carey JH, et al. 1991. The case for a cause-effect linkage between environmental contamination and development in eggs of the common snapping turtle (*chelydra S. Serpentina*) from Ontario, Canada. *J Toxicol Environ Health* 33:521-547.
- Bishop CA, Koster MD, Chek AA, et al. 1995. Chlorinated hydrocarbons and mercury in sediments, red-winged blackbirds (*Agelaius phoeniceus*) and tree swallows (*Tachycineta bicolor*) from wetlands in the Great Lakes-St. Lawrence river basin. *Environ Toxicol Chem* 14(3):491-501.
- Bishop CA, Ng P, Norstrom RJ, et al. 1996. Temporal and geographic variation of organochlorine residues in eggs of the common snapping turtle (*Chelydra serpentina serpentina*) (1981-1991) and comparisons to trends in the Herring Gull (*Larus argentatus*) in the Great Lakes basin in Ontario, Canada. *Arch Environ Contam Toxicol* 31:512-524.
- *Bitman J, Cecil H. 1970. Estrogenic activity of DDT analogs and polychlorinated biphenyls. *J Agric Food Chem* 18(6):1108-1112.
- *Bitman J, Cecil HC, Harris SJ, et al. 1968. Estrogenic activity of o,p'-DDT in the mammalian uterus and avian oviduct. *Science* 162:371-372.
- *Bitman J, Cecil HC, Harris SJ, et al. 1971. Comparison of DDT effect on pentobarbital metabolism in rats and quail. *J Agric Food Chem* 19(2):333-338.
- Bitman J, Cecil HC, Harris SJ. 1978. Estrogenic activity of o,p'-metabolites and related compounds. *J Agric Food Chem* 26:149-151.
- Bjorseth A, Lunde G, Dybing E. 1977. Residues of persistent chlorinated hydrocarbons in human tissues as studied by neutron activation analysis and gas chromatography. *Bull Environ Contam Toxicol* 18(5):581-587.
- Blair A, Grauman D, Lubin J, et al. 1983. Lung cancer and other causes of death among licensed pesticide applicators. *J Natl Cancer Inst* 71(1):31-37.
- *Blus LJ. 1978. Short-tailed shrews: Toxicity and residue relationships of DDT, dieldrin, and endrin. *Arch Environ Contam Toxicol* 7:83-98.
- *Blus LJ, Henny CJ, Stafford CJ, et al. 1987. Persistence of DDT and metabolites in wildlife from Washington state orchards. *Arch Environ Contam Toxicol* 16:467-476.
- *BNA. 2001. Environment and Safety Library on the Web. States and Territories. Washington, DC: Bureau of National Affairs, Inc. <http://www.esweb.bna.com/>. February 9, 2001.
- *Bohannon AD, Cooper GS, Wolff MS, et al. 2000. Exposure to 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (DDT) in relation to bone mineral density and rate of bone loss in menopausal women. *Arch Environ Health* 55(6):386-391.
- *Boileau SR, Simard JJ, Wouters JR, et al. 1985. Enhanced excretion of DDT and metabolites in rats treated with *trans,trans*-muconate. *Pestic Biochem Physiol* 24:336-342.

9. REFERENCES

- Bopp R, Simpson H, Olsen C, et al. 1982. Chlorinated hydrocarbons and radionuclide chronologies in sediments of the Hudson River and Estuary, New York. *Environ Sci Technol* 16:666-676.
- Borgmann U, Whittle DM. 1992a. Bioenergetics and PCB, DDE, and mercury dynamics in Lake Ontario lake trout (*Salvelinus namaycush*): A model based on surveillance data. *Can J Fish Aquat Sci* 49(6):1086-1096.
- Borgmann U, Whittle DM. 1992b. DDE, PCB, and mercury concentration trends in Lake Ontario rainbow smelt (*Osmerus mordax*) and slimy sculpin (*Cottus cognatus*): 1977 to 1988. *J Great Lakes Res* 18(2):298-308.
- Boul H. 1996. Effect of soil moisture on the fate of radiolabelled DDT and DDE *in vitro*. *Chemosphere* 32(5):855-866.
- *Boul HL, Garnham ML, Hucker D, et al. 1994. Influence of agricultural practices on the levels of DDT and its residues in soil. *Environ Sci Technol* 28(8):61-66.
- Bouwman H, Schutte CH. 1993. Effect of sibship on DDT residue levels in human serum from a malaria endemic area in northern KwaZulu. *Bull Environ Contam Toxicol* 50:300-307.
- Bouwman H, Becker PJ, Cooppan RM, et al. 1992. Transfer of DDT used in malaria control to infants via breast milk. *Bull World Health Organ* 70(2):241-250.
- *Bouwman H, Reinecke AJ, Cooppan RM, et al. 1990. Factors affecting levels of DDT and metabolites in human breast milk from KwaZulu. *J Toxicol Environ Health* 31:93-115.
- Bowerman W, Best D, Grubb T, et al. 1998. Trends of contaminants and effects in Bald Eagles of the Great Lakes basin. *Environ Monit Assess* 53:197-212.
- *Boykins EA. 1967. The effects of DDT-contaminated earthworms in the diet of birds. *Bioscience* January:37-39.
- *Boylan J, Egle J, Guzelian P. 1978. Cholestyramine: Use as a new therapeutic approach for chlordecone (kepone) poisoning. *Science* 199:893-895.
- *Bradlow H, Davis D, Lin G, et al. 1995. Effects of pesticides on the ratio of 16 α /2-hydroxyestrone: A biological marker of breast cancer risk. *Environ Health Perspect* 103(Suppl 7):147-150.
- *Bradlow HL, Davis D, Sepkovic DW, et al. 1997. Role of the estrogen receptor in the action of organochlorine pesticides on estrogen metabolism in human breast cancer cell lines. *Sci Total Environ* 208:9-14.
- *Bradt P, Herrenkohl R. 1976. DDT in human milk: What determines the levels? *Sci Total Environ* 6:161-163.
- *Braham HW, Neal CM. 1974. The effects of DDT on energetics of the short-tailed shrew *Blarina brevicauda*. *Bull Environ Contam Toxicol* 12(1):32-37.
- *Brandt I, Jonsson C-J, Lund B-O. 1992. Comparative studies on adrenocorticolytic DDT-metabolites. *Comparative Studies. Ambio* 21:602-605.

9. REFERENCES

- *Brás I, Santos L, Alves A. 2000. Monitoring organochlorine pesticides from landfill leachates by gas chromatography-electron-capture detection after solid-phase microextraction. *J Chromatogr A* 891:305-311.
- *Brevik E, Grande M, Knutzen J, et al. 1996. DDT contamination of fish and sediments from Lake Orsjoen, Southern Norway: Comparison of data from 1975 and 1994. *Chemosphere* 33(11):2189-2200.
- Brien SE, Heaton JPW, Racz WJ, et al. 2000. Effects of an environmental anti-androgen on erectile function of an animal penile erection model. *J Urol* 163:1315-1321.
- Brilliant LB, Van Amburg G, Isbister J, et al. 1978. Breast-milk monitoring to measure Michigan's contamination with polybrominated biphenyls. *Lancet* September 23:643-646.
- *Britton WM. 1975. Influence of high levels of DDT in the diet on liver microsomal estrogen metabolism in the laying hen. *Bull Environ Contam Toxicol* 13(6):698-702.
- Brock JW, Melnyk LJ, Caudill SP, et al. 1998. Serum levels of several organochlorine pesticides in farmers correspond with dietary exposure and local use history. In: Colborn T, vom Saal F, Short P, eds. *Advances in modern environmental toxicology*. Princeton, NJ: Princeton Scientific Publishing Co., Inc., 323-340.
- *Brock J, Melnyk L, Caudill S, et al. 1998. Serum levels of several organochlorine pesticides in farmers correspond with dietary exposure and local use history. *Toxicol Ind Health* 14:275-289.
- Brouwer A, Longnecker MP, Birnbaum LS, et al. 1999. Characterization of potential endocrine-related health effects at low-dose levels of exposure to PCBs. *Environ Health Perspect Suppl* 107(4):639-649.
- *Brown DP. 1992. Mortality of workers employed at organochlorine pesticide manufacturing plants-An update. *Scand J Work Environ Health* 18:155-161.
- Brown LR. 1997. Concentrations of chlorinated organic compounds in biota and bed sediment in streams of the San Joaquin Valley, California. *Arch Environ Contam Toxicol* 33:357-368.
- *Brown L, Burmeister L, Everett G, et al. 1993. Pesticide exposures and multiple myeloma in Iowa men. *Cancer Causes Control* 4:153-156.
- Brown N, Lamartiniere C. 1995. Xenoestrogens alter mammary gland differentiation and cell proliferation in the rat. *Environ Health Perspect* 103(7-8):708-713.
- Buchert H, Bihler S, Schott P, et al. 1981. Organochlorine pollutant analysis of contaminated and uncontaminated lake sediments by high resolution gas chromatography. *Chemosphere* 10:945-946.
- *Buck N, Estes B, Ware G. 1983. DDT moratorium in Arizona: Residues in soil and alfalfa after 12 years. *Bull Environ Contam Toxicol* 31:66-72.
- Buckley T, Liddle J, Ashley D, et al. 1997. Environmental and biomarker measurements in nine homes in the lower Rio Grande Valley: Multimedia results for pesticides, metals, PAHs, and VOCs. *Environ Int* 23(5):705-732.
- *Budavari S, O'Neil M, Smith A, et al. 1996. *The Merck Index*. 12th ed. Whitehouse Station, NJ: Merck and Company, Inc., 518.

9. REFERENCES

- *Budunova I, Williams G, Spray D. 1993. Effect of tumor promoting stimuli on gap junction permeability and connexin 43 expression in ARL 18 rat liver cell line. *Arch Toxicol* 67:565-572.
- *Bulger WH, Kupfer D. 1983. Estrogenic action of DDT analogs. *Am J Ind Med* 4:163-173.
- *Bunyan PJ, Page JMJ. 1973. Pesticide-induced changes in hepatic microsomal enzyme systems: Some effects of 1,1-di(p-chlorophenyl)-2,2-dichloroethylene (DDE) and 1,1-di(p-chlorophenyl)-2-chloroethylene (DDMU) in the rat and Japanese quail. *Chem Biol Interact* 6:249-257.
- *Bunyan PJ, Davidson J, Shorthill MJ. 1970. Hepatic glucose-6-phosphate dehydrogenase and 6-phosphogluconate dehydrogenase levels in Japanese quail following the ingestion of p,p'-DDT and related compounds. *Chem Biol Interact* 2:175-182.
- *Bunyan PJ, Townsend MG, Taylor A. 1972. Pesticide-induced changes in hepatic microsomal enzyme systems. Some effects of 1,1-Di(p-chlorophenyl)-2,2,2-trichloroethane (DDT) and 1,1-Di(p-chlorophenyl)-2,2-dichloroethylene (DDE) in the rat and Japanese quail. *Chem Biol Interact* 5:13-26.
- *Burlington H, Lindeman VF. 1950. Effect of DDT on testes and secondary sex characters of white leghorn cockerels. *Proc Soc Exp Biol Med* 74:48-51.
- *Burlington H, Lindeman VF. 1952. Action of DDT on the blood of the chicken. *Proc Fed Am Soc Exp Biol* 11:20-21.
- Burse VW, Patterson DG, Brock JW, et al. 1996. Selected analytical methods used at the Centers for Disease Control and prevention for measuring environmental pollutants in serum. *Toxicol Ind Health* 12:481-498.
- *Buselmaier W, Roehrborn G, Propping P. 1973. Comparative investigations on the mutagenicity of pesticides in mammalian test systems. *Mutat Res* 21:25-26.
- Buser H-R, Muller MD. 1997. Determination and environmental behavior of persistent halogenated chiral contaminants. *Organohalogen Compounds* 31:225-228.
- Bustos S, Soto J, Tchernitchin AN. 1996. Estrogenic activity of p,p'-DDT. *Environ Toxicol Water Qual* 11:265-271.
- Büyüksönmez F, Rynk R, Hess TF, et al. 1999. Occurrence, degradation and fate of pesticides during composting. *Compost Sci Util* 7(4):66-82.
- *Büyüksönmez F, Rynk R, Hess TF, et al. 2000. Occurrence, degradation and fate of pesticides during composting. Part II. Occurrence and fate of pesticides in compost and composting systems. *Compost Sci Util* 8:61-81
- Bunce NJ, Cox BJ, Partridge AW. 2000. Method development and interspecies comparison of estrogen receptor binding assays for estrogen agonists and antagonists. *ACS Symp Ser* 747:11-21.
- Burger M, Mate M, Lavina R, et al. 2000. Rol de los plaguicidas organoclorados en el cáncer de mama. *Rev Toxicol (Iberica)* 17:79-82.
- *Byczkowski JZ. 1977. Biochemical and ultrastructural changes in biological membranes induced by p,p'-DDT (chlorophenotatum) and its metabolites. *Pol J Pharmacol Pharm* 29:411-417.

9. REFERENCES

- *Cabral J, Hall R, Rossi L, et al. 1982a. Lack of carcinogenicity of DDT in hamsters. *Tumori* 68:5-10.
- *Cabral J, Hall R, Rossi L, et al. 1982b. Effects of long-term intake of DDT on rats. *Tumori* 68:11-17.
- *Cai W, Counsell R, Djanegara T, et al. 1995. Metabolic activation and binding of mitotane in adrenal cortex homogenates. *J Pharm Sci* 84(2):134-138.
- *Cameron G. 1945. Risks to man and animals from the use of 2,2-bis(*p*-chlorophenyl), 1,1,1-trichloroethane (DDT): With a note on the toxicology of γ benzene hexachloride (666, gammexane). *Br Med Bull* 3:233-235.
- *Cameron G, Burgess F. 1945. The toxicity of 2,2-bis(*p*-chlorophenyl) 1,1,1-trichloroethane (DDT). *Br Med J* 1:865-871.
- Cameron G, Cheng K. 1951. Failure of oral DDT to induce toxic changes in rats. *Br Med J* 819-821.
- Cannon M, Holcomb L. 1968. The effect of DDT on reproduction in mice. *Ohio J Sci* 68(1):19-24.
- *Canter L, Sabatini D. 1994. Contamination of public ground water supplies by superfund sites. *Int J Environ Studies* 46:35-57.
- *Cantor KP, Blair A, Everett G. 1992. Pesticides and other agricultural risk factors for non-Hodgkin's lymphoma among men in Iowa and Minnesota. *Cancer Res* 52:2447-2455.
- *Carey AE, Kutz FW. 1985. Trends in ambient concentrations of agrochemicals in humans and the environment of the United States. *Environ Monit Assess* 5:155-163.
- *Carey A, Douglas P, Tai H, et al. 1979a. Pesticide residue concentrations in soils of five United States cities, 1971—Urban soils monitoring program. *Pestic Monit J* 13:17-22.
- *Carey A, Gowen J, Tai H, et al. 1979b. Pesticide residue levels in soils and crops from 37 states, 1972—National Soils Monitoring Program (IV). *Pestic Monit J* 12:209-229.
- Carey A, Yang H, Wiersma G, et al. 1980. Residual concentrations of propanil, TCAB, and other pesticides in rice-growing soils in the United States, 1972. *Pestic Monit J* 14(1):23-25.
- Carr RS, Long ER, Windom HL, et al. 1996. Sediment quality assessment studies of Tampa Bay, Florida. *Environ Toxicol Chem* 15(7):1218-1231.
- Carr RS, Montagna PA, Biedenbach JM, et al. 2000. Impact of storm-water outfalls on sediment quality in Corpus Christi, Texas, USA. *Environ Toxicol Chem* 19:561-574
- CDC. 1999. CDC state health department search. Center for Disease Control and Prevention. <http://search.cdc.gov/shd/search2.html>. May 25, 1999.
- *CDC/ATSDR. 1990. Biomarkers of organ damage or dysfunction for the renal, hepatobiliary and immune systems. Summary report, August 27, 1990. Atlanta, GA: Centers for Disease Control, Agency for Toxic Substances and Disease Registry.
- *Cecil HC, Bitman J, Harris SJ. 1971. Effects of dietary *p,p'*-DDT and *p,p'*-DDE on egg production and egg shell characteristics of Japanese quail receiving an adequate calcium diet. *Poult Sci* 50(2):657-659.

9. REFERENCES

- CELDS. 1992. Computer-environmental legislative data systems. Database. March, 1992.
- *Chapin R, Stevens J, Hughes C, et al. 1996. Symposium overview; endocrine modulation of reproduction. *Fundam Appl Toxicol* 29:1-17.
- Cheek AO, Kow K, Chen J, et al. 1999. Potential mechanisms of thyroid disruption in humans: Interaction of organochlorine compounds with thyroid receptor, transthyretin, and thyroid-binding globulin. *Environ Health Perspect* 107(4):273-278.
- *Chen HC, Farese RV Jr. 1999. Steroid hormones: Interactions with membrane-bound receptors. *Curr Biol* 9(13):R478-R481.
- *Chen S-W, Dziuk PJ, Francis BM. 1994. Effects of four environmental toxicants on plasma Ca and estradiol 17(beta) and hepatic P450 in laying hens. *Environ Toxicol Chem* 13(5):789-796.
- *Chhabra R, Fouts J. 1973. Stimulation of hepatic microsomal drug-metabolizing enzymes in mice by 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane (DDT) and 3,4-benzpyrene. *Toxicol Appl Pharmacol* 25:60-70.
- *Chowdhury AR, Gautam AK, Venkatakrishna-Bhatt H. 1990. DDT (2,2-bis(p-chlorophenyl) 1,1,1-trichloroethane) induced structural changes in adrenal glands of rats. *Bull Environ Contam Toxicol* 45:193-196.
- *Chung E, Van Woert M. 1984. DDT myoclonus: Sites and mechanism of action. *Exp Neurol* 85:273-282.
- *Chura NJ, Stewart PA. 1967. Care, food consumption, and behavior of bald eagles used in DDT tests. *The Wilson Bulletin* 79(1):441-448.
- *Clark DR. 1981. Death in bats from DDE, DDT or dieldrin: Diagnosis via residues in carcass fat. *Bull Environ Contam Toxicol* 26:367-374.
- *Clark DR, Kroll JC. 1977. Effects of DDE on experimentally poisoned free-tailed bats (*Tadarida brasiliensis*): Lethal brain concentrations. *J Toxicol Environ Health* 3:893-901.
- *Clark J. 1974. Mutagenicity of DDT in mice, *Drosophila melanogaster* and *Neurospora crassa*. *Aust J Biol Sci* 27:427-440.
- *Clement J, Okey A. 1972. Estrogenic and anti-estrogenic effects of DDT administered in the diet to immature female rats. *Can J Physiol Pharmacol* 50:971-975.
- *Clement J, Okey A. 1974. Reproduction in female rats born to DDT-treated parents. *Bull Environ Contam Toxicol* 12(3):373-377.
- *Clewell HJ III, Andersen ME. 1985. Risk assessment extrapolations and physiological modeling. *Toxicol Ind Health* 1(4):111-113.
- *Cocco PL. 1997. Environmental exposure to p,p'-DDE and human fertility. *Bull Environ Contam Toxicol* 59:677-680.

9. REFERENCES

- *Cocco P, Benichou J. 1998. Mortality from cancer of the male reproductive tract and the environmental exposure to the anti-androgen p,p'-dichlorodiphenyldichloroethylene in the United States. *Oncology* 55:334-339.
- *Cocco P, Blair A, Congia P, et al. 1997a. Long-term health effects of the occupational exposure to DDT: A preliminary report. *Ann N Y Acad Sci* 834:246-256.
- *Cocco P, Blair A, Congia P, et al. 1997b. Proportional mortality of dichloro-diphenyl-trichloroethane (DDT) workers: a preliminary report. *Arch Environ Health* 52(4):299-303.
- *Cocco P, Kazerouni N, Zahm SH. 2000. Cancer mortality and environmental exposure to DDE in the United States. *Environ Health Perspect* 108(1):1-4.
- *Colborn T, Clement C, eds. 1992. Chemically-induced alterations in sexual and functional development: The wildlife-human connection. In: *Advances in modern environmental toxicology*, Vol. XXI, Princeton, NJ: Princeton Scientific Publishing.
- *Colborn T, vom Saal F, Soto A. 1993. Developmental effects of endocrine-disrupting chemicals in wildlife and humans. *Environ Health Perspect* 101(5):378-384.
- Collier MJ, McAnulty PA, Tesh JM. 1992. Evaluation of methylmercury and DDT in an EPA-style developmental neurotoxicity screen [Abstract]. *Teratology* 45(5):501.
- Committee for Analytical Methods for Residues of Pesticides in Foodstuffs of the Ministry of Agriculture, Fisheries and Food. 1992. Report of two co-operative trials of a gel permeation chromatographic method for the isolation of pesticide residues from oils and fats. *Analyst* 117(9):1451-1455.
- *Conney A. 1971. Environmental factors influencing drug metabolism. In: LaDu B, et al. eds. *Fundamentals of drug metabolism and drug disposition*. Baltimore, MD: Williams & Wilkins Company, 253-278.
- *Cooke AS. 1970a. The effect of o,p'-DDT on Japanese quail. *Bull Environ Contam Toxicol* 5(2):152-157.
- *Cooke AS. 1970b. The effect of p,p'-DDT on tadpoles of the common frog (*Rana temporaria*). *Environ Pollut* 1:57-71.
- *Cooke AS. 1972. The effects of DDT, dieldrin and 2,4-D on amphibian spawn and tadpoles. *Environ Pollut* 3:51-68.
- *Cooke AS. 1973a. The effects of DDT, when used as a mosquito larvicide, on tadpoles of the frog *Rana temporaria*. *Environ Pollut* 5:259-273.
- *Cooke AS. 1973b. Response of *Rana temporaria* tadpoles to chronic doses of pp'-DDT. *Copeia* 4:647-652.
- *Cooke AS. 1973c. Shell thinning in avian eggs by environmental pollutants. *Environ Pollut* 4:85-152.
- Cormican M, Collignon P, van den Bogaard T. 2000. The DDT question. *Lancet* 356(9236):1190-1191.

9. REFERENCES

- Corona-Cruz A, Gold-Bouchot G, Gutierrez-Rojas M, et al. 1999. Anaerobic-aerobic biodegradation of DDT (dichlorodiphenyl trichloroethane) in soils. *Bull Environ Contam Toxicol* 63:219-225.
- Corrigan FM, Weinburg CL, Shore RF, et al. 2000. Organochlorine insecticides in substantia nigra in Parkinson's disease. *J Toxicol Environ Health A* 59:229-234.
- *Coulston F. 1985. Reconsideration of the dilemma of DDT for the establishment of an acceptable daily intake. *Regul Toxicol Pharmacol* 5:332-383.
- *Coupe RH, Manning MA, Foreman WT, et al. 2000. Occurrence of pesticides in rain and air in urban and agricultural areas of Mississippi, April-September 1995. *Sci Total Environ* 248:227-240.
- *Cowley SM, Hoare S, Mosselman S, et al. 1997. Estrogen receptors α and β form heterodimers on DNA. *J Biol Chem* 272(32):19858-19862.
- Craan A, Haines D. 1998. Twenty-five years of surveillance for contaminants in human breast milk. *Arch Environ Contam Toxicol* 35:702-710.
- *Craig G, Ogilvie D. 1974. Alteration of T-maze performance in mice exposed to DDT during pregnancy and lactation. *Environ Physiol Biochem* 4:189-199.
- *Crain DA and Guillette LJ. 1998. Reptiles as models of contaminant-induced endocrine disruption. *Anim Reprod Sci* 53:77-86.
- *Crain DA, Guillette LJ, Rooney AA, et al. 1997. Alterations in steroidogenesis in alligators (*Alligator mississippiensis*) exposed naturally and experimentally to environmental contaminants. *Environ Health Perspect* 105(5):528-533.
- *Cranmer M, Carroll J, Copeland M. 1972a. Determinations of DDT and metabolites including DDA, in human urine by gas chromatography. In: Davies J, Edmundson W, eds. *Epidemiology of DDT*. Mount Kisco, New York, NY: Futura Publishing Company, Inc., 147-152.
- *Cranmer M, Peoples A, Chadwick R. 1972b. Biochemical effects of repeated administration of *p,p'*-DDT on the squirrel monkey. *Toxicol Appl Pharmacol* 21:98-101.
- Crellin NK, Kang HG, Swan CL, et al. 2000. Dichlorodiphenyldichloroethylene (DDE) and methoxychlor (MxC) inhibit basal and stimulated progesterone P₄ synthesis in stable granulosa cells [Abstract]. *Biol Reprod* 62(5):182-183.
- Crellin NK, Rodway MR, Swan CL, et al. 1999. Dichlorodiphenyldichloroethylene potentiates the effect of protein kinase A pathway activators on progesterone synthesis in cultured granulosa cells. *Biol Reprod* 61:1099-1103.
- *Crisp T, Clegg E, Cooper R, et al. 1998. Environmental endocrine disruption: An effects assessment and analysis. *Environ Health Perspect* 106(Suppl 1):11-56.
- *Crockett A, Wiersma G, Tai H, et al. 1974. Pesticides in soils. Pesticide residue levels in soils and crops, FY-70—national soils monitoring program (II). *Pestic Monit J* 8(2):69-97.
- CSCORP. 1989. STN International Network, Chemical Abstracts Service, Columbus, OH. September 28, 1989.

9. REFERENCES

- CSCORP. 1992. STN International Network, Chemical Abstracts Service, Columbus, OH. April 20, 1992.
- *Cueto C. 1970. Cardiovascular effects of *o,p'*-DDD. *Ind Med* 39:55-56.
- Cullen RT, Tran CL, Buchanan D, et al. 2000. Inhalation of poorly soluble particles. I. Differences in inflammatory response and clearance during exposure. *Inhal Toxicol* 12:1089-1111.
- *Curley A, Copeland M, Kimbrough R. 1969. Chlorinated hydrocarbon insecticides in organs of stillborn and blood of newborn babies. *Arch Environ Health* 19:628-632.
- Curtis CF, Lines JD. 2000. Should DDT be banned by international treaty? *Parasitol Today* 16(3):119-121.
- *Custer TW, Hines RK, Stewart PM, et al. 1998. Organochlorines, mercury, and selenium in Great Blue Heron eggs from Indiana Dunes National Lakeshore, Indiana. *J Great Lakes Res* 24(1):3-11.
- Danz M, Urban H. 1980. Elevated mitotic number in the adrenal cortex as a reflection of early events in growth induction by carcinogens and promoters—a possible short-term assay. *Arch Toxicol (Suppl 4)*:19-21.
- *Danzo B. 1997. Environmental xenobiotics may disrupt normal endocrine function by interfering with the binding of physiological ligands to steroid receptors and binding proteins. *Environ Health Perspect* 105(3):294-301.
- Darvill T, Lonky E, Reihman J, et al. 2000. Prenatal exposure to PCBs and infant performance of the Fagan test of infant intelligence. *Neurotoxicology* 21(6):1029-1038.
- *Das S, Thomas P. 1999. Pesticides interfere with the nongenomic action of a progestogen on meiotic maturation by binding to its plasma membrane receptor on fish oocytes. *Endocrinology* 140: 1953-1956.
- *Daston GP, Gooch JW, Breslin WJ, et al. 1997. Environmental estrogens and reproductive health: A discussion of the human and environmental data. *Rep Toxicol* 11(4):465-481.
- *Datta P. 1970. *In vivo* detoxication of *p,p'*-DDT via *p,p'*-DDE to *p,p'*-DDA in rats. In: Deichmann W, et al., eds. Pesticide symposia. 6th-7th International-American Conference of Toxicology and Occupational Medicine, Miami, FL: Halo and Associates, Inc., 41-45.
- *Datta P, Nelson M. 1970. *p,p'*-DDT detoxication by isolated perfused rat liver and kidney. In: Deichmann W, et al., eds. Pesticide symposia. 6th-7th International-American Conference of Toxicology and Occupational Medicine, Miami, FL: Halo and Associates, Inc., 47-50.
- *Davies RP, Dobbs AJ. 1984. The prediction of bioconcentration in fish. *Water Res* 18(10):1253-1262.
- *Davison KL. 1978. Calcium-45 uptake by shell gland, oviduct, plasma and eggshell of DDT-dosed ducks and chickens. *Arch Environ Contam Toxicol* 7:359-367.
- *Davison KL, Sell JL. 1972. Dieldrin and *p,p'*-DDT effects on egg production and eggshell thickness of chickens. *Bull Environ Contam Toxicol* 7(1):9-18.

9. REFERENCES

- *Davison KL, Engebretson KA, Cox JH. 1976. p,p'-DDT and p,p'-DDE effects on egg production, eggshell thickness and reproduction of Japanese quail. *Bull Environ Contam Toxicol* 15(3):265-270.
- Dawson A. 2000. Mechanisms of endocrine disruption with particular reference to occurrence in avian wildlife: A review. *Ecotoxicology* 9:59-69.
- Dean M, Smeaton T, Stock B. 1980. The influence of fetal and neonatal exposure to dichlorodiphenyltrichloroethane (DDT) on the testosterone status of neonatal male rat. *Toxicol Appl Pharmacol* 53:315-322.
- *de Andrea MM, Papini S, Nakagawa LE. 2001. Optimizing microwave-assisted solvent extraction (mase) of pesticides from soil. *J Environ Sci Health B* 36(1):87-93.
- *Dees C, Askari M, Foster J, et al. 1997a. DDT mimics estradiol stimulation of breast cancer cells to enter the cell cycle. *Molec Carcinog* 18:107-114.
- *Dees C, Askari M, Garrett S, et al. 1997b. Estrogenic and DNA-damaging activity of red no. 3 in human breast cancer cells. *Environ Health Perspect* 105(Suppl 3):625-632.
- *Dees C, Garrett S, Henley D, et al. 1996. Effects of 60-Hz fields, estradiol and xenoestrogens on human breast cancer cells. *Radiat Res* 146:444-452.
- *DeFranco DB. 1999. Regulation of steroid receptor subcellular trafficking. *Cancer Biochem Biophys* 30:1-24.
- *de Graaf IAM, Tajima O, Groten JP, et al. 2000. Intercellular communication and cell proliferation in precision-cut rat liver slices: effect of medium composition and DDT. *Cancer Lett* 154:53-62.
- *Deichmann W, Keplinger M. 1966. Effect of combinations of pesticides on reproduction of mice. *Toxicol Appl Pharmacol* 8:337-338.
- *Deichmann W, Keplinger M, Sala F, et al. 1967. Synergism among oral carcinogens. *Toxicol Appl Pharmacol* 11:88-103.
- *Deichmann W, MacDonald W, Beasley A, et al. 1971. Subnormal reproduction in beagle dogs induced by DDT and aldrin. *Ind Med* 40:10-20.
- Deichmann W, MacDonald W, Cubit D. 1975. Dieldrin and DDT in the tissues of mice fed aldrin and DDT for seven generations. *Arch Toxicol* 34:173-182.
- *de Jager LS, Andrews RJ. 2000. Development of a rapid screening technique for organochlorine pesticides using solvent microextraction (SME) and fast gas chromatography (GC). *Analyst* 125:1943-1948.
- Dello Iacovo R, Celentano E, Strollo AM, et al. 1999. Organochlorines and breast cancer: A study on Neapolitan women. In: Zappia et al, ed. *Advances in nutrition and cancer*. New York, NY: Kluwer Academic/ Plenum Publishers, 57-66.
- *DeLong RL, Gilmartin WG, Simpson JG. 1973. Premature births in California sea lions: Association with high organochlorine pollutant residue levels. *Science* 181:1168-1169.

9. REFERENCES

- *Del Pup J, Pasternack B, Harley N, et al. 1978. Effects of DDT on stable laboratory mouse populations. *J Toxicol Environ Health* 4:671-687.
- *Demers A, Ayotte P, Brisson J, et al. 2000. Risk and aggressiveness of breast cancer in relation to plasma organochlorine concentrations. *Cancer Epidemiol Biomark Prev* 9:161-166.
- Desaulniers D, Leingartner K, Cooke G, et al. 1999. Effects of exposure to a human milk PCB-DDT-DDE mixture from day 1 to 20, or to TCDD on day 18 of age, in prepubertal females, and on the development of methylnitrosourea-induced mammary tumors in the adult rat. *Organohalogen Compounds* 42:221-224.
- *de Solla SR, Bishop CA, Van Der Kraak G, et al. 1998. Impact of organochlorine contamination on levels of sex hormones and external morphology of common snapping turtles (*Chelydra serpentina serpentina*) in Ontario, Canada. *Environ Health Perspect* 106(5):253-260.
- *De Stefani E, Kogevinas M, Boffetta P, et al. 1996. Occupation and the risk of lung cancer in Uruguay. *Scand J Work Environ Health* 22:346-352.
- DeVito MJ, Sparrow BR. 1999. Antiandrogenic effects of 2,2-bis(4-chlorophenyl)-1,1-dichloroethylene (p,p'-DDE) in neonatal and fetal rats. *Organohalogen Compounds* 42:1-4.
- *Dewailly E, Ayotte P, Bruneau S, et al. 2000. Susceptibility to infections and immune status in Inuit infants exposed to organochlorines. *Environ Health Perspect* 108(3):205-211.
- *Dewailly E, Ayotte P, Laliberte C, et al. 1996. Polychlorinated biphenyl (PCB) and dichlorodiphenyl dichloroethylene (DDE) concentrations in the breast milk of women in Quebec. *Am J Public Health* 86(9):1241-1246.
- *Dewailly E, Ryan JJ, Laliberte C, et al. 1994. Exposure of remote maritime populations to coplanar PCBs. *Environ Health Perspect Suppl* 102(Supplement 1):205-209.
- *De Waziers I, Azais V. 1987. Drug-metabolizing enzyme activities in the liver and intestine of rats exposed to DDT: Effects of vitamin A status. *Arch Environ Contam Toxicol* 16:343-348.
- Dickstein G, Shechner C, Arad E, et al. 1998. Is there a role for low doses of mitotane (o,p'-DDD) as adjuvant therapy in adrenocortical carcinoma? *J Clin Endocrinol Metab* 83(9):3100-3103.
- *Diel P, Schulz T, Smolnikar K, et al. 2000. Ability of xeno- and phytoestrogens to modulate expression of estrogen-sensitive genes in rat uterus: estrogenicity profiles and uterotrophic activity. *J Steroid Biochem Mol Biol* 73:1-10.
- *Dieter MP. 1974. Plasma enzyme activities in Coturnix quail fed graded doses of DDE, polychlorinated biphenyl, malathion and mercuric chloride. *Toxicol Appl Pharmacol* 27:86-98.
- DiGiulio W, Beierwaltes W. 1968. Tissue localization studies of a DDD analog. *J Nucl Med* 9:634-637.
- *Dimond JB, Owen RB. 1996. Long-term residue of DDT compounds in forest soils in Maine. *Environ Pollut* 92:227-230
- Ding J-Y, Wu S. 1995. Partition coefficients of organochlorine pesticides on soil and on the dissolved organic matter in water. *Chemosphere* 30(12):2259-2266.

9. REFERENCES

- *Ding J-Y, Wu S. 1997. Transport of organochlorine pesticides in soil columns enhanced by dissolved organic carbon. *Water Sci Technol* 35(7):139-145.
- *Diwan B, Ward J, Kurata Y, et al. 1994. Dissimilar frequency of hepatoblastomas and hepatic cystadenomas and adenocarcinomas arising in hepatocellular neoplasms of D2B6F1 mice initiated with -nitrosodiethylamine and subsequently given aroclor-1254, dichlorodiphenyltrichloroethane, or phenobarbital. *Toxicol Pathol* 22(4):430-439.
- *Djordjevic M, Fan J, Hoffmann D. 1995. Assessment of chlorinated pesticide residues in cigarette tobacco based on supercritical fluid extraction and GC-ECD. *Carcinogenesis* 16(11):2627-2632.
- *Donaldson GM, Schutt JL, Hunter P. 1999. Organochlorine contamination in Bald Eagle eggs and nestlings from the Canadian Great Lakes. *Arch Environ Contam Toxicol* 36:70-80.
- *Dorea JG, Cruz-Granja AC, Lacayo-Romero ML, et al. 2001. Perinatal metabolism of dichlorodiphenyldichloroethylene in Nicaraguan mothers. *Environ Res A* 86:229-237.
- *Dorgan J, Brock J, Rothman N, et al. 1999. Serum organochlorine pesticides and PCBs and breast cancer risk: results from a prospective analysis (USA). *Cancer Causes Control* 10:1-11.
- DOT. 1989a. Hazardous materials table. U.S. Department of Transportation. Code of Federal Regulations. 49 CFR 172.101.
- DOT. 1989b. Hazardous materials table. U.S. Department of Transportation. Federal Register 54 (185):39501-39505.
- Douthwaite RJ. 1992. Effects of DDT on the fish eagle *Haliaeetus vocifer* population of Lake Kariba in Zimbabwe. *Ibis* 134:250-258.
- *Dreisbach RH, ed. 1983. Halogenated insecticides. In: *Handbook of poisoning: Prevention diagnosis and treatment*. 11th ed. Los Altos, CA: Lange Medical Publications, 107-116.
- *Driscoll MS, Hassett JP, Fish CL, et al. 1991. Extraction efficiencies of organochlorine compounds from Niagara River water. *Environ Sci Technol* 25(8):1432-1439.
- *Dua VK, Kumari R, Sharma VP, et al. 2001. Organochlorine residues in human blood from Nainital (U.P.), India. *Bull Environ Contam Toxicol* 67:42-45.
- *Duby R, Travis H, Terrill C. 1971. Uterotropic activity of DDT in rats and mink and its influence on reproduction in the rat. *Toxicol Appl Pharmacol* 18:348-355.
- Duce RA, Liss PS, Merrill JT, et al. 1991. The atmospheric input of trace species to the world ocean. *Global Biogeochem Cycles* 5:193-260.
- *Duggan R, Corneliussen P, Duggan M, et al. 1983. Pesticide residue levels in foods in the United States from July 1, 1969, to June 30, 1976: Summary. *J Assoc Off Anal Chem* 66(6):1534-1535.
- *Dunstan R, Roberts T, Donohoe M, et al. 1996. Bioaccumulated chlorinated hydrocarbons and red/white blood cell parameters. *Biochem Molec Med* 58:77-84.

9. REFERENCES

- *Durham W, Ortega P, Hayes W. 1963. The effect of various dietary levels of DDT on liver function, cell morphology, and DDT storage in the Rhesus monkey. *Arch Int Pharmacodyn Ther* 141:111-129.
- Eagle DJ, Jones JLO, Jewell EJ, et al. 1992. Determination of pesticides by gas chromatography and high-pressure liquid chromatography. In: Smith KA, ed. *Books in soils, plants, and the environment: Soil analysis: Modern instrumental techniques*, second edition. New York, NY: Marcel Dekker, Inc., 547-600.
- *Ecobichon DJ. 1995. Toxic effects of pesticides. In: Klaassen C, et al., eds. *Casarett and Doull's toxicology*. 5th ed. New York, NY: Macmillan Co., Inc., 643-689.
- Eisenreich S, Looney B, Thornton J. 1981. Airborne organic contaminants in the Great Lakes ecosystem: Atmospheric fluxes to the Great Lakes are a combination of dry and wet removal processes. Dry deposition is 1.5-5.0 times the wet deposition for the trace organics selected-chlorinated pesticides and polychlorinated biphenyls. *Environ Sci Technol* 15(1):30-38.
- *Eitzer BD, Chevalier A. 1999. Landscape care pesticide residues in residential drinking water wells. *Bull Environ Contam Toxicol* 62:420-427.
- Ellenhorn MJ, Barceloux DG. 1988. Organochlorines. In: *Medical toxicology: diagnoses and treatment of human poisoning*. New York, NY: Elsevier, 1078-1080.
- *Elvia LF, Sioban HD, Bernardo HP, et al. 2000. Organochlorine pesticide in rural and urban areas in Mexico. *J Expo Anal Environ Epidemiol* 10:394-399.
- Ema M, Kurosaka R, Amano H, et al. 1996. Comparative developmental toxicity of di- tr- and tetrabutyltin compounds after administration during late organogenesis in rats. *J Appl Toxicol* 16(1):71-76.
- *EMMI. 1999. EPA environmental monitoring methods index: Detail analyte. Version I. PC no. 4082. Rockland, MD: Government Institutes (1997).
- *EPA. 1972. U.S. Environmental Protection Agency. Consolidated DDT hearings: Opinion and order of the administrator. *Federal Register* 37(131):13369.
- *EPA. 1975. DDT: A review of scientific and economic aspects of the decision to ban its use as a pesticide. Washington, DC: U.S. Environmental Protection Agency. EPA-540/1-75-022.
- EPA. 1978a. Designation of hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4
- EPA. 1978b. Designation of hazardous substances. U.S. Environmental Protection Agency. *Federal Register* 43(49):10474-10487.
- EPA. 1979a. Toxic pollutants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 401.15.
- EPA. 1979b. Toxic pollutants. U.S. Environmental Protection Agency. *Federal Register* 44(147):44502-44503.

9. REFERENCES

- *EPA. 1979c. Water-related environmental fate of 129 priority pollutants: Volume I: Introduction and technical background, metals and inorganics, pesticides and PCBs. Washington, DC: U.S. Environmental Protection Agency. EPA-440/4-79-029b, 1-1 - 1-4, 2-1 - 2-16.
- *EPA. 1980a. Ambient Water Quality Criteria for DDT. Washington, DC: U.S. Environmental Protection Agency. EPA 440/5-80-038.
- *EPA. 1980b. Analysis of pesticide residues in human and environmental samples: A compilation of methods selected for use in pesticide monitoring programs. U.S. Environmental Protection Agency. EPA 600/8-80-038.
- EPA. 1981. Toxic pollutants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 401.15.
- *EPA. 1982. Test Method-608: Organochlorine pesticides and PCB's. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory.
- EPA. 1984. Guidelines establishing test procedures for the analysis of pollutants under the Clean Water Act (40 CFR 126). U.S. Environmental Protection Agency. Federal Register 49:43321-43331.
- EPA. 1985. List of hazardous substances and reportable quantities. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4
- *EPA. 1986a. Superfund public health evaluation manual. Washington, DC: U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. EPA 540/1-86-060.
- EPA. 1986b. Laboratory Manual, Physical/Chemical Methods: Test methods for evaluating solid waste. U.S. Environmental Protection Agency. SW-848 (v. 1B).
- EPA. 1986c. Revocation of DDT and TDE Tolerances. U.S. Environmental Protection Agency. Code of Federal Regulations 40 CFR 180.
- *EPA. 1986d. Reference Values for Risk Assessment. Cincinnati, OH: Environmental Protection Agency, Office of Research and Development.
- EPA. 1987a. List (phase 1) of hazardous constituents for ground-water monitoring. U.S. Environmental Protection Agency. Federal Register 52(131):25942-25953.
- EPA. 1987b. Maximum concentration of constituents for ground-water protection. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264.94, Appendix IX.
- EPA. 1988a. Integrated Risk Information System (IRIS). Cincinnati, Ohio: U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office.
- EPA. 1988b. Summary of state and federal drinking water standards and guidelines. Washington, DC: U.S. Environmental Protection Agency, Chemical Communication Subcommittee, Federal-State Toxicology, and Registry Alliance Committee (FSTRAC).
- EPA. 1988c. General pretreatment regulations for existing and new sources of pollution. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 403 Appendix B.

9. REFERENCES

- EPA. 1988d. General pretreatment regulations for existing and new sources of pollution. U.S. Environmental Protection Agency. Federal Register 53(200):40610-40616.
- EPA. 1988e. Hazardous waste management system: Identification and listing of hazardous waste. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.
- EPA. 1988f. Hazardous waste management system: Identification and listing of hazardous waste. U.S. Environmental Protection Agency. Federal Register 53(78):13382-13393.
- EPA. 1988g. Recommendations for and documentation of biological values for use in risk assessment. Cincinnati, OH: Environmental Protection Agency, Office of Research and Development.
- EPA. 1989a. Designation of hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4.
- EPA. 1989b. List of hazardous substances and reportable quantities. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4.
- EPA. 1989c. List of hazardous substances and reportable quantities. U.S. Environmental Protection Agency. Federal Register 54(155):33428-33484.
- *EPA. 1990a. Interim methods for development of inhalation reference doses. Washington, DC: U.S. Environmental Protection Agency, Environmental criteria and assessment office. EPA/600/8-90/066A.
- EPA. 1990b. U.S. Environmental Protection Agency. Code of federal regulations. 40 CFR 136 A.
- *EPA. 1991. Hazardous constituents: Identification and listing of hazardous waste. Washington, DC: U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261, Appendix VIII.
- *EPA 1994. USEPA Contract Laboratory Program. Statement of work for organics analysis. U.S. Environmental Protection Agency. www.EPA.Gov/region09/QA/OLM032.PDF.
- *EPA. 1997. Special report on environmental endocrine disruption: An effects assessment and analysis. Washington, DC: U.S. Environmental Protection Agency, Office of Research and Development. EPA/630/R-96/012.
- EPA. 1998a. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 401.15.
- EPA. 1998b. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 129.101.
- EPA. 1998c. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.33.
- EPA. 1998d. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 258.
- EPA. 1998e. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 455.20.
- EPA. 1998f. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 180.3.
- EPA. 1998g. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4.
- EPA. 1998h. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4.

9. REFERENCES

- EPA. 1998i. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 129.4.
- *EPA 1998j. Method 8081B: Organochlorine pesticides by gas chromatography. U.S. Environmental Protection Agency.
- *EPA. 1998k. Method 8270D: Semivolatile organic compounds by gas chromatography/mass spectrometry (GC/MS). Washington, DC: U.S. Environmental Protection Agency.
- *EPA. 1999a. National Recommended Water Quality Criteria- Correction. Washington, DC: U.S. Environmental Protection Agency, Office of Water. EPA 822-Z-99-001.
- *EPA. 1999b. Listing of fish and wildlife advisories. U.S. Environmental Protection Agency. <http://fish.rti.org/>.
- *EPA. 2001a. Groundwater monitoring list. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264, Appendix IX. <http://ecfrback.access.gpo.gov/otcgi/cfr/otfilter.cgi...nd&QUERY=49673&RGN=BAPPCT&SUBSET=SUBSET&FROM=1&ITEM=1>. September 24, 2001.
- *EPA. 2001b. Health based limits for exclusion of waste-derived residues. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266, Appendix VII. <http://ecfrback.access.gpo.gov/otcgi/cfr...0&RGN=BAPPCT&SUBSET=SUBSET&FROM=1&ITEM=1>. September 24, 2001.
- *EPA. 2001c. Land disposal restrictions. Universal treatment standards. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.48(a). <http://ecfr.access.gpo.gov/otcgi/cfr/otf...1&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. September 24, 2001.
- *EPA. 2001d. Tolerances for related pesticide chemicals. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 180.3(e)(4). <http://ecfrback.access.gpo.gov/otcgi/cfr...3&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. September 24, 2001.
- *EPA. 2001e. Water programs—designation of hazardous waste. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4. <http://ecfrback.access.gpo.gov/otcgi/cfr/otfilter.cgi?DB=...TI&QUERY=66703&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. September 24, 2001.
- *EPA. 2002a. Designation, reportable quantities, and notification. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4. <http://ecfrback.access.gpo.gov/otcgi/cfr/otfilter.cgi...I&QUERY=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 02, 2002.
- *EPA. 2002b. Determination of reportable quantity. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 117.3. <http://ecfrback.access.gpo.gov/otcgi/cfr...8&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 03, 2002.
- *EPA. 2002c. Effluent guidelines and standards. Pesticides. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 455.20(b). <http://ecfrback.access.gpo.gov/otcgi/cfr/otf...1&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 02, 2002.
- *EPA. 2002d. Effluent guidelines and standards. Toxic pollutants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 129.4. <http://ecfrback.access.gpo.gov/otcgi/cfr...6&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 02, 2002.

9. REFERENCES

- *EPA. 2002e. Effluent guidelines and standards. Toxic pollutants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 401.15. <http://ecfrback.access.gpo.gov/otcgi/cfr...1&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 02, 2002.
- *EPA. 2002f. Identification and listing of hazardous waste. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.33(f). <http://ecfrback.access.gpo.gov/otcgi/cfr...8&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 02, 2002.
- *EPA. 2002g. Municipal solid waste landfill. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 258, Appendix II. <http://ecfrback.access.gpo.gov/otcgi/cfrotfilter.cgi...nd&QUERY=BAPPCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 02, 2002.
- *EPA. 2002h. Risk specific doses. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266, Appendix V. <http://ecfrback.access.gpo.gov/otcgi/cfr/otfilter.cgi?DB=...and&QUERY=9974&RGN=BAPPCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 03, 2002.
- *EPA. 2002i. Toxic pollutant effluent standards. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 129.101. <http://ecfrback.access.gpo.gov/otcgi/cfr 6&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 02, 2002.
- *EPA. 2002j. TSCA. Significant new uses. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 721.2287. <http://ecfrback.access.gpo.gov/otcgi/cfr/otf...6&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1>. January 03, 2002.
- *Eriksson M, Karlsson M. 1992. Occupational and other environmental factors and multiple myeloma: A population based case-control study. *Br J Ind Med* 49:95-103.
- Eriksson P. 1984. Age-dependent retention of (¹⁴C)DDT in the brain of the postnatal mouse. *Toxicol Lett* 22:323.
- Eriksson P, Darnerud P. 1985. Distribution and retention of some chlorinated hydrocarbons and a phthalate in the mouse brain during the pre-weaning period. *Toxicology* 37:189-203.
- *Eriksson P, Nordberg A. 1986. The effects of DDT, DDOH-palmitic acid, and chlorinated paraffin on muscarinic receptors and the sodium-dependent choline uptake in the central nervous system of immature mice. *Toxicol Appl Pharmacol* 85:121-127.
- *Eriksson P, Ahlbom J, Fredriksson A. 1992. Exposure to DDT during a defined period in neonatal life induces permanent changes in brain muscarinic receptors and behaviour in adult mice. *Brain Res* 582:277-281.
- *Eriksson P, Archer T, Fredriksson A. 1990a. Altered behaviour in adult mice exposed to a single low dose of DDT and its fatty acid conjugate as neonates. *Brain Res* 514:141-142.
- *Eriksson P, Johansson U, Ahlbom J, et al. 1993. Neonatal exposure to DDT induces increased susceptibility to pyrethroid (bioallethrin) exposure at adult age - Changes in cholinergic muscarinic receptor and behavioural variables. *Toxicology* 77:21-30
- *Eriksson P, Nilsson-Hakansson L, Nordberg A, et al. 1990b. Neonatal exposure to DDT and its fatty acid conjugate: Effects on cholinergic and behavioural variables in the adult mouse. *Neurotoxicology* 11:345-354.

9. REFERENCES

- *Evans MS, Noguchi GE, Rice CP. 1991. The biomagnification of polychlorinated biphenyls, toxaphene, and DDT compounds in a Lake Michigan offshore food web. *Arch Environ Contam Toxicol* 20:87-93.
- *Fabro S, McLachlan J, Dames N. et al. 1984. Chemical exposure of embryos during the preimplantation stages of pregnancy: Mortality rate and intrauterine development. *Am J Obstet Gynecol* 148(7):929-938.
- Fahim M, Bennett R, Hall D, et al. 1970. Effect of DDT on the nursing neonate. *Nature* 228:1222-1223.
- *Fahrig R. 1974. Comparative mutagenicity studies with pesticides. *IARC Sci Publ* 10:161-181.
- *Falck F, Ricci A, Wolff MS, et al. 1992. Pesticides and polychlorinated biphenyl residues in human breast lipids and their relation to breast cancer. *Arch Environ Health* 47(2):143-146.
- Fang H, Tong W, Perkins R, et al. 2000. Quantitative comparisons of *in vitro* assays for estrogenic activities. *Environ Health Perspect* 108(8):723-729.
- *Fang S, Fallin E, Freed V. 1977. Maternal transfer of ¹⁴C-*p,p'*-DDT *via* placenta and milk and its metabolism in infant rats. *Arch Environ Contam Toxicol* 5:427-436.
- *Faulk CK, Fuiman LA, Thomas P. 1999. Parental exposure to ortho, para-dichlorodiphenyl-trichloroethane impairs survival skills of Atlantic croaker (*Micropogonias undulatus*) Larvae. *Environ Toxicol Chem* 18: 254-262.
- Fawcett S, Bunyan P, Huson L, et al. 1981. Excretion of radioactivity following the intraperitoneal administration of ¹⁴C-DDT, ¹⁴C-DDD, ¹⁴C-DDE and ¹⁴C-DDMU to the rat and Japanese quail. *Bull Environ Contam Toxicol* 27:386-392.
- *Fawcett S, King L, Bunyan P, et al. 1987. The metabolism of [¹⁴C]-DDT, [¹⁴C]-DDD, [¹⁴C]-DDE and [¹⁴C]-DDMU in rats and Japanese quail. *Xenobiotica* 17(5):525-538.
- FDA. 1998. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 310.545.
- *FDA. 1999. Food and Drug Administration Pesticide Program: Residue Monitoring 1999. U.S. Food and Drug Administration. <http://www.cfsan.fda.gov/~dms/pesrpts.html>.
- *FDA. 2001. Food and Drug Administration total diet study. College Park, MD: Center for Food Safety, U.S. Food and Drug Administration. http://www.cfsan.fda.gov/~comm/lds_toc.html.
- *FDA. 2002a. Action levels for poisonous or deleterious substances in human food and animal feed. U.S. Food and Drug Administration. <http://www.cfsan.fda.gov/~krd/fdaact.html>. January 11, 2002.
- *FDA. 2002b. Drug products containing certain active ingredients offered over-the-counter (OTC) for certain uses. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 310.545(a)(25). <http://frwebgate.access.gpo.gov/cgi-bin/...PART=310&SECTION=545&YEAR=2001&TYPE=TEXT>. January 02, 2002.
- FEDRIP. 1999. Federal Research in Progress [database]. Dialog Information Retrieval System, CA.
- *FEDRIP. 2001. Federal Research in Progress [database]. Dialog Information Retrieval System, CA.

9. REFERENCES

- Field B, Selub M, Hughes CL. 1990. Reproductive effects of environmental agents. *Semin Reprod Endocrinol* 8(1):44-54.
- *Fishbein L. 1973. Mutagens and potential mutagens in the biosphere I. DDT and its metabolites, polychlorinated biphenyls, chlorodioxins, polycyclic aromatic hydrocarbons, haloethers. *Sci Total Environ* 4:305-340.
- *Fishbein L. 1974. Chromatographic and biological aspects of DDT and its metabolites. *J Chromatogr* 98:177-251.
- Fitzgerald EF, Brix KA, Deres DA, et al. 1996. Polychlorinated biphenyl (PCB) and dichlorodiphenyl dichloroethylene (DDE) exposure among Native American men from contaminated Great Lakes fish and wildlife. *Toxicol Ind Health* 12(3/4):361-368.
- *Fitzhugh O. 1948. Use of DDT insecticides on food products. *Ind Eng Chem* 40:704-705.
- *Fitzhugh O, Nelson A. 1947. The chronic oral toxicity of DDT (2,2-bis(p-chlorophenyl)-1,1,1-trichloroethane). *J Pharmacol Exp Ther* 89:18-30.
- *Fitzpatrick LJ, Dean JR, Comber MH, et al. 2000. Extraction of DDT [1,1,1-trichloro-2,2-bis(p-chlorophenyl)-ethylene] and its metabolites DDE [1,1-dichloro-2,2-bis(p-chlorophenyl)-ethylene] and DDD [1,1-dichloro-2,2-bis(p-chlorophenyl)-ethane]. *J Chromatogr A* 874:257-264.
- Flesch-Janys D, Berger J, Konietzko J, et al. 1992. Quantification of exposure to dioxins and furans in a cohort of workers of a herbicide producing plant in Hamburg, FRG. *Chemosphere* 25(7-10):1021-1027.
- Flodström S, Hemming H, Wärngård L, et al. 1990. Promotion of altered hepatic foci development in rat liver, cytochrome P450 enzyme induction and inhibition of cell-cell communication by DDT and some structurally related organohalogen pesticides. *Carcinogenesis* 11:1413-1417.
- *Fluck E, Poirier L, Ruelius H, et al. 1976. Evaluation of a DNA polymerase-deficient mutant of *E. coli* for the rapid detection of carcinogens. *Chem Biol Interact* 15:219.
- *Folmar LC, Denslow ND, Rao V, et al. 1996. Vitellogenin induction and reduced serum testosterone concentrations in feral male carp (*Cyprinus carpio*) captured near a major metropolitan sewage treatment plant. *Environ Health Perspect* 104(10):1096-1101.
- *Fomon SJ. 1966. Body composition of the infant: Part I: The male" reference infant". In: Falkner F, ed. *Human Development*. Philadelphia, PA: WB Saunders, 239-246.
- *Fomon SJ, Haschke F, Ziegler EE, et al. 1982. Body composition of reference children from birth to age 10 years. *Am J Clin Nutr* 35:1169-1175.
- *Ford WM, Hill EP. 1990. Organochlorine contaminants in eggs and tissue of wood ducks from Mississippi. *Bull Environ Contam Toxicol* 45:870-875.
- *Ford WM, Hill EP. 1991. Organochlorine pesticides in soil sediments and aquatic animals in the upper Steele bayou watershed of Mississippi. *Arch Environ Contam* 20:161-167.
- Forster M, Wilder E, Heinrichs W. 1975. Estrogenic behavior of 2(o-chlorophenyl)-2-(p-chlorophenyl)-1,1,1-trichloroethane and its homologues. *Biochem Pharmacol* 24:1777-1780.

9. REFERENCES

- Foster EPF MS, Feist GW, Schreck CB, et al. 2001. Gonad organochlorine concentrations and plasma steroid levels in white sturgeon (*Acipenser transmontanus*) from the Columbia River, USA. *Bull Environ Contam Toxicol* 67:239-245.
- Foster WG, Desaulniers D, Leingartner K, et al. 1999. Reproductive effects of tris(4-chlorophenyl)methanol in the rat. *Chemosphere* 39(5):709-724.
- *Foster W, Chan S, Hughes PL. 2000. Detection of endocrine disrupting chemicals in samples of second trimester human amniotic fluid. *J Clin Endocrinol Metab* 85(8):2954-2957.
- *Fourie FR, Hattingh J. 1979. DDT administration: Haematological effects observed in the crowned guinea-fowl (*Numida meleagris*). *J Environ Pathol Toxicol* 2:1439-1446.
- *Francone M, Mariani F, Demare Y. 1952. [Clinical signs of poisoning by DDT.] *Rev Assoc Med Argentina* 66:56-59. (Spanish)
- *Frank R, Braun HE. 1989. PCB and DDE residues in milk supplies of Ontario, Canada 1985-1986. *Bull Environ Contam Toxicol* 42:666-669.
- Frank R, Thomas R, Holdrinet M, et al. 1979. Organochlorine insecticides and PCB in the sediments of Lake Huron (1969) and Georgian Bay and North Channel (1973). *Sci Total Environ* 13:101-117.
- Fregly M. 1968. Effect of *o,p'*-DDD and metyrapone (SU-4885) on development of renal hypertension in rats. *Toxicol Appl Pharmacol* 12:548-559.
- Fregly M, Water I, Straw J. 1968. Effect of isomers of DDD on thyroid and adrenal function in rats. *Can J Physiol Pharmacol* 46:59-66.
- *Friend M, Trainer DO. 1974a. Response of different-age mallards to DDT. *Bull Environ Contam Toxicol* 11(1):49-56.
- *Friend M, Trainer DO. 1974b. Experimental DDT-duck hepatitis virus interaction studies. *J Wildl Manage* 38(4):887-895.
- *Friend M, Haegele MA, Wilson R. 1973. DDE: Interference with extra-renal salt excretion in the mallard. *Bull Environ Contam Toxicol* 9(1):49-53.
- *Fry DM, Toone CK. 1981. DDT-induced feminization of gull embryos. *Science* 213:93-95.
- *Fry JR, Garle MJ, Lal K. 1992. Differentiation of cytochrome P-450 inducers on the basis of 7-alkoxycoumarin *O*-dealkylase activities. *Xenobiotica* 22(2):211-215.
- *Fry DM, Toone CK, Speich SM, et al. 1987. Sex ratio skew and breeding patterns of gulls: Demographic and toxicological considerations. *Stud Avian Biol* 10:26-43.
- *Fryzek J, Garabrant D, Harlow S, et al. 1997. A case-control study of self-reported exposures to pesticides and pancreas cancer in southeastern Michigan. *Int J Cancer* 72:62-67.
- *FSTRAC. 1999. Links to states. U.S. Environmental Protection Agency. May 21, 1999.

9. REFERENCES

- *Fuhremann TW, Lichtenstein EP. 1980. A comparative study of the persistence, movement, and metabolism of six carbon-14 insecticides in soils and plants. *J Agric Food Chem* 28:446-452.
- *Gablíks J, Al-zubaidy T, Askari E. 1975. DDT and immunological responses. 3. Reduced anaphylaxis and mast cell population in rats fed DDT. *Arch Environ Health* 30:81-84.
- *Gablíks J, Askari E, Yolen N. 1973. DDT and immunological responses: I. Serum antibodies and anaphylactic shock in guinea pigs. *Arch Environ Health* 26:305-308.
- Gad SC, Weil CS. 1989. Statistics for toxicologists. In: Hayes AW, ed. Principles and methods of toxicology. 2nd ed. New York, NY: Raven Press, 435-475.
- *Gaido K, Leonard L, Lovell S, et al. 1997. Evaluation of chemicals with endocrine modulating activity in a yeast-based steroid hormone receptor gene transcription assay. *Toxicol Appl Pharmacol* 143:205-212.
- *Gaines T. 1969. Acute toxicity of pesticides. *Toxicol Appl Pharmacol* 14:515-534.
- Galadi A, Bitar H, Chanon M, et al. 1995. Photosensitized reductive dechlorination of chloroaromatic pesticides. *Chemosphere* 30(9):1655-1669.
- *Galand P, Mairesse N, Degraef C, et al. 1987. *o,p'*-DDT (1,1,1-trichloro-2 (*p*-chlorophenyl) 2-(*o*-chlorophenyl) ethane is a purely estrogenic agonist in the rat uteri *in vivo* and *in vitro*. *Biochem Pharmacol* 36(3):397-400.
- *Gammon M, Wolff M, Neugut A, et al. 1997. Temporal variation in chlorinated hydrocarbons in healthy women. *Cancer Epidemiol Biomarkers Prev* 6:327-332.
- Gans DA, Kilgore WW, Ito J. 1994. Residues of chlorinated pesticides in processed foods imported into Hawaii from western Pacific Rim countries. *Bull Environ Contam Toxicol* 52:560-567.
- Gao L, Li G, Wang S. 1991. [Concentration of organochlorine pesticides in aqueous solutions using the macromolecular porous resin GDX-102.] *Chin J Environ Sci* 12:14-17. (Chinese)
- *Garabrant DH, Held J, Langholz B, et al. 1992. DDT and related compounds and risk of pancreatic cancer. *J Natl Cancer Inst* 84(10):764-771.
- *Garcia M, Mourelle M. 1984. Gamma-glutamyl transpeptidase: A sensitive marker in DDT and toxaphene exposure. *J Appl Toxicol* 4(5):246-248.
- *Garrett R. 1947. Toxicity of DDT for man. *J Med Assoc State Ala* 17:74-78.
- *Gartrell M, Craun J, Podrebarac D, et al. 1985. Pesticides, selected elements, and other chemicals in adult total diet samples, October 1979 - September, 1980. *J Assoc Off Anal Chem* 68(5):1184-1197.
- *Gartrell M, Craun J, Podrebarac D, et al. 1986a. Pesticides, selected elements, and other chemicals in adult total diet samples, October, 1980 - March, 1982. *J Assoc Off Anal Chem* 69(1):146-161.
- *Gartrell M, Craun J, Podrebarac D, et al. 1986b. Pesticides, selected elements, and other chemicals in infant and toddler total diet samples, October 1980-March 1982. *J Assoc Off Anal Chem* 69(1):123-145.

9. REFERENCES

- *Gauthier JM, Pelletier E, Brochu C, et al. 1998. Environmental contaminants in tissues of neonate St Lawrence Beluga whale (*Delphinapterus leucas*). *Mar Pollut Bull* 36(1):102-108.
- Gazi E, Conolly RB, You L, et al. 1998. Modeling of *p,p'*-DDE toxicokinetics during gestation and lactation [Abstract]. *Toxicologist* 42(1-S):142-143.
- *Gellert R, Heinrichs W. 1975. Effects of DDT homologs administered to female rats during the perinatal period. *Biol Neonate* 26:283-290.
- Gellert R, Wilson C. 1979. Reproductive function in rats exposed prenatally to pesticides and polychlorinated biphenyls (PCB). *Environ Res* 18:437-443.
- *Gellert R, Heinrichs W, Swerdloff R. 1972. DDT homologues: Estrogen-like effects on the vagina, uterus and pituitary of the rat. *Endocrinology* 91:1095-1100.
- *Gellert R, Heinrichs W, Swerdloff R. 1974. Effects of neonatally-administered DDT homologs on reproductive function in male and female rats. *Neuroendocrinology* 16:84-94.
- *Geluso KN, Altenbach JS, Wilson DE. 1976. Bat mortality: Pesticide poisoning and migratory stress. *Science* 19:184-186.
- *Genelly RE, Rudd RL. 1956. Effects of DDT, toxaphene, and dieldrin on pheasant reproduction. *Auk* 73(4):529-539.
- *George VT, Sundararaj A. 1995. Effect of DDT on reproductive performance of white leghorn cockerels. *Indian Vet J* 72:694-697.
- *Gerhard I, Daniel V, Link S, et al. 1998. Chlorinated hydrocarbons in women with repeated miscarriages. *Environ Health Perspect* 106:675-681.
- *Gerhard I, Monga B, Krahe J, et al. 1999. Chlorinated hydrocarbons in infertile women. *Environmental Research (Section A)* 80:299-310.
- Geyer H, Scheunert I, Korte F. 1986. Bioconcentration potential of organic environmental chemicals in humans. *Regul Toxicol Pharmacol* 6:313-347.
- Geyer H, Scheunert I, Korte F. 1987. Correlation between the bioconcentration potential of organic environmental chemicals in humans and their-octanol/water partition coefficients. *Chemosphere* 16(1):239-252.
- *Geyer H, Sheehan P, Kotzias D, et al. 1982. Prediction of ecotoxicological behaviour of chemicals: Relationship between physico-chemical properties and bioaccumulation of organic chemicals in the mussel *Mytilus edulis*. *Chemosphere* 11(11):1121-1134.
- *Gianessi LP, Puffer CA. 1992. Insecticide use in U.S. crop production. Washington, DC: Resources for the Future. USEPA Cooperative Agreement CR 813719.
- *Giesy JP, Verbrugge DA, Othout RA, et al. 1994. Contaminants in fishes from the Great lakes-influenced sections and above dams of three Michigan rivers. I: Concentrations of organo chlorine insecticides, polychlorinated biphenyls, dioxin equivalents, and mercury. *Arch Environ Contam Toxicol* 27:202-212.

9. REFERENCES

- *Gill US, Schwartz HM, Wheatley B. 1996. Development of a method for the analysis of PCB congeners and organochlorine pesticides in blood/serum. *Chemosphere* 32(6):1055-1061.
- *Gillesby B, Zacharewski T. 1998. Exoestrogens: Mechanisms of action and strategies for identification and assessment. *Environ Toxicol Chem* 17(1):3-14.
- *Gillett JW, Porter RD, Wiemeyer SN, et al. 1970. Induction of liver microsomal activities in Japanese quail [with supplemental information on] The induction of microsomal ethylmorphine demethylase activity in sparrow hawk livers by diets containing DDT and dieldrin or DDE. In: Gillett JW, ed. *The biological impact of pesticides in the environment. Environmental health science series no. 1.* Corvallis: Oregon State University, 59-64.
- *Gilliom R. 1984. Pesticides in rivers of the United States. *National Water Summary 1984. Paper 2275:85-93.*
- *Gillis CA, Bonnevie NL, Su SH, et al. 1995. DDT, DDD, and DDE contamination of sediment in the Newark Bay Estuary, New Jersey. *Arch Environ Contam Toxicol* 28:85-92.
- *Gingell R. 1975. Enterohepatic circulation of bis(*p*-chlorophenyl)acetic acid in the rat. *Drug Metab Dispos* 3:42-46.
- *Gingell R. 1976. Metabolism of [¹⁴C]-DDT in the mouse and hamster. *Xenobiotica* 6(1):15-20.
- *Gingell R, Wallcave L. 1974. Species differences in the acute toxicity and tissue distribution of DDT in mice and hamsters. *Toxicol Appl Pharmacol* 28:385-394.
- *Gish CD, Chura NJ. 1970. Toxicity of DDT to Japanese quail as influenced by body weight, breeding condition, and sex. *Toxicol Appl Pharmacol* 17:740-751.
- *Giwerzman A, Carlsen E, Keiding N, et al. 1993. Evidence for increasing incidence of abnormalities of the human testis: A review. *Environ Health Perspect Suppl* 101(2):65-71.
- Gladen BC, Rogan WJ. 1991. Effects of perinatal polychlorinated biphenyls and dichlorodiphenyl dichloroethene and PDE on later development. *J Pediatr* 119(1 Part 1):58-63.
- *Gladen BC, Rogan WJ. 1995. DDE and shortened duration of lactation in a northern Mexican town. *Am J Public Health* 85(4):504-508.
- *Gladen BC, Rogan NB, Rogan WJ. 2000. Pubertal growth and development and prenatal and lactational exposure to polychlorinated biphenyls and dichlorodiphenyl dichloroethene. *J Pediatr* 136(4):490-496.
- *Glazkov IN, Revelsky IA, Efimov IP, et al. 1999. Supercritical fluid extraction of water samples containing ultratrace amounts of organic micropollutants. *J Microcolumn Sep* 11:729-736
- *Glick B. 1974. Antibody-mediated immunity in the presence of mirex and DDT. *Poult Sci* 53:1476-1485.
- *Glynn AW, Michaelsson K, Lind PM, et al. 2000. Organochlorines and bone mineral density in Swedish men from the general population. *Osteoporos Int* 11:1036-1042.

9. REFERENCES

- *Gold B, Brunk G. 1982. Metabolism of 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane and 1,1-dichloro-2,2-bis(*p*-chlorophenyl)ethane in the mouse. *Chem Biol Interact* 41:327-339.
- *Gold B, Brunk G. 1983. Metabolism of 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane (DDT), 1,1-dichloro-2,2-bis(*p*-chlorophenyl)ethane, and 1-chloro-2,2-bis(*p*-chlorophenyl)ethene in the hamster. *Cancer Res* 43:2644-2647.
- *Gold B, Brunk G. 1984. A mechanistic study of the metabolism of 1,1-dichloro-2,2-bis(*p*-chlorophenyl)ethane (DDD) to 2,2-bis(*p*-chlorophenyl)acetic acid (DDA). *Biochem Pharmacol* 33(7):979-982.
- *Gold B, Leuschen T, Brunk G, et al. 1981. Metabolism of a DDT metabolite via a chloroepoxide. *Chem Biol Interact* 35:159-176.
- *Goldberg ED. 1975. Synthetic organohalides in the sea. *Proc Royal Soc London B* 189:277-289
- *Golden RJ, Noller KL, Titus-Ernstoff L, et al. 1998. Environmental endocrine modulators and human health: An assessment of the biological evidence. *Crit Rev Toxicol* 28(2):109-227.
- *Goldman M. 1981. The effect of a single dose of DDT on thyroid function in male rats. *Arch Int Pharmacodyn* 252:327-334.
- *Gomez-Catalan J, To-Figueras J, Rodamilans M, et al. 1991. Transport of organochlorine residues in the rat and human blood. *Arch Environ Contam Toxicol* 20:61-66.
- *Gore RC, Hannah RW, Pattacini SC, et al. 1971. Infrared and ultraviolet spectra of seventy-six pesticides. *J Assoc Off Anal Chem* 54(5):1040-82.
- *Graillet C, Gak J, Lancret C, et al. 1975. [Research on the toxic mechanism of action of organochlorine insecticides. II. Study of the long-term toxic effects of DDT on house hamsters.] *Eur J Toxicol* 8:653-659. (French)
- Grandjean P, Bjerve KS, Weihe P, et al. 2001. Birthweight in a fishing community: significance of essential fatty acids and marine food contaminants. *Int J Epidemiol* 30:1272-1278.
- *Grasman KA, Scanlon PF, Fox GA. 1998. Reproductive and physiological effects of environmental contaminants in fish-eating birds of the Great Lakes: A review of historical trends. *Environ Monit Assess* 53:117-145.
- Grasso P, Hinton RH. 1991. Evidence for and possible mechanisms of non-genotoxic carcinogenesis in rodent liver. *Mutat Res* 248:271-290.
- *Grasso C, Bernardi G, Martinelli F. 1973. [The significance of the presence of chlorinated insecticides from the blood of newborns and in respective mothers]. *Igiene Moderna* 66:362-371. (Italian)
- Gray LE. 1998. Chemical-induced alterations of sexual differentiation: A review of effects in humans and rodents. *J of Clean Technol Environ Toxicol Occup Med* 7(2):121-145.
- Gray LE. 1998. Xenoendocrine disruptors: laboratory studies on male reproductive effects. *Toxicol Lett* 102-103:331-335.

9. REFERENCES

- Gray LE, Otsby J. 1998. Effects of pesticides and toxic substances on behavioral and morphological reproductive development: Endocrine versus nonendocrine mechanisms. *Toxicol Ind Health* 14:159-183.
- *Gray L, Kelce W, Wiese T, et al. 1997. Endocrine screening methods workshop report: Detection of estrogenic and androgenic hormonal and antihormonal activity for chemicals that act via receptor or steroidogenic enzyme mechanisms. *Reprod Toxicol* 11(5):719-750.
- *Gray LE, Wolf C, Lambright C, et al. 1999. Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolinate, *p,p'*-DDE, and ketoconazole) and toxic substances (dibutyl- and diethylhexyl phthalate, PCB 169, and ethane dimethane sulphonate) during sexual differentiation produces diverse profiles of reproductive malformations in the male rat. *Toxicol Ind Health* 15(1-2):94-118.
- Gray R, Dinman B, Bernstein I. 1970. Ultrastructural abnormalities in rat liver after exposure to DDT. *J Cell Biol* 47:78.
- *Green V. 1969. Effects of pesticides on rat and chick embryo. In: Hemphill D, ed. Trace substances in environmental health. Proceedings of the University of Missouri 3rd Annual Conference. 2:183-209.
- Greenlee AR, Quail CA, Berg RL. 2000. The antiestrogen ICI 182,780 abolishes development injury for murine embryos exposed *in vitro* to *o,p'*-DDT. *Reprod Toxicol* 14(3):225-234.
- *Greichus YA, Hannon MR. 1973. Distribution and biochemical effects of DDT, DDD, and DDE in penned double-crested cormorants. *Toxicol Appl Pharmacol* 26:483-494.
- *Greichus YA, Call DJ, Ammann BM, et al. 1975. Physiological effects of polychlorinated biphenyls or a combination of DDT, DDD, and DDE in penned white pelicans. *Arch Environ Contam Toxicol* 3:330-343.
- *Greizerstein HB, Gigliotti P, Vena J, et al. 1997. Standardization of a method for the routine analysis of polychlorinated biphenyl congeners and selected pesticides in human serum and milk. *J Anal Toxicol* 21:558-566.
- *Griffen DE, Hill WE. 1978. *In vitro* breakage of plasmid DNA by mutagens and pesticides. *Mutat Res* 52:161-169.
- *Grob K, Kalin I. 1991. Attempt for an on-line size exclusion chromatography-gas chromatography method for analyzing pesticide residues in foods. *J Agric Food Chem* 39:1950-1953.
- *Guan X, Ruch R. 1996. Gap junction endocytosis and lysosomal degradation of connexin43-p2 in WB-F344 rat liver epithelial cells treated with DDT and lindane. *Carcinogenesis* 17(9):1791-1798.
- Guenther T, Mannering G. 1977. Induction of hepatic mono-oxygenase systems in fetal and neonatal rats with phenobarbital, polycyclic hydrocarbons and other xenobiotics. *Biochem Pharmacol* 26:567-575.
- *Guillette LJ and Crain DA. 1996. Endocrine-disrupting contaminants and reproductive abnormalities in reptiles. *Comments Toxicol* 5(4-5):381-399.
- *Guillette LJ, Brock JW, Rooney AA, et al. 1999. Serum concentrations of various environmental contaminants and their relationship to sex steroid concentrations and phallus size in juvenile American alligators. *Arch Environ Contam Toxicol* 36:447-455.

9. REFERENCES

- *Guillette LJ, Crain DA, Rooney AA, et al. 1997. Effect of acute stress on plasma concentrations of sex and stress hormones in juvenile alligators living in control and contaminated lakes. *J Herpetol* 31(3):347-353.
- *Guillette LJ, Gross TS, Gross DA, et al. 1995. Gonadal steroidogenesis in vitro from juvenile alligators obtained from contaminated or control lakes. *Environ Health Perspect Suppl* 103(4):31-36.
- *Guillette LJ, Gross TS, Masson GR, et al. 1994. Developmental abnormalities of the gonad and abnormal sex hormone concentrations in juvenile alligators from contaminated and control lakes in Florida. *Environ Health Perspect* 102(8):680-688.
- *Guillette LJ, Pickford DB, Crain DA, et al. 1996. Reduction in penis size and plasma testosterone concentrations in juvenile alligators living in a contaminated environment. *Gen Comp Endocrinol* 101:32-42.
- *Gunderson EL. 1995a. FDA total diet study, July 1986-April 1991, dietary intakes of pesticides, selected elements, and other chemicals. *J Assoc Off Anal Chem* 78(6):1353.
- *Gunderson EL. 1995b. Dietary intakes of pesticides, selected elements, and other chemicals: FDA total diet study, June 1984-April 1986. *J Assoc Off Anal Chem* 78(4):910-920.
- *Gupta PH, Mehta S, Mehta SK. 1989. Effect of DDT on hepatic mixed-function oxidase activity in normal and vitamin A-deficient rats. *Biochem Int* 19(2):247-256.
- *Guttes S, Failing K, Neumann K, et al. 1998. Chlororganic pesticides and polychlorinated biphenyls in breast tissue of women with benign and malignant breast disease. *Arch Environ Contam Toxicol* 35:140-147.
- *Guyton AC, Hall JE eds. 2000. Pregnancy and lactation. In: *Textbook of medical physiology*. 10th ed. Philadelphia, PA: W.B. Saunders Company, 47-50.
- *Guzelian PS, Henry CJ, Olin SS, eds. 1992. Similarities and differences between children and adults: Implications for risk assessment. Washington, DC: International Life Sciences Institute Press.
- Haake J, Kelley M, Keys B, et al. 1987. The effects of organochlorine pesticides as inducers of testosterone and benzo(*a*)pyrene hydroxylases. *Gen Pharmacol* 18(2):165-169.
- *Hadley ME, ed. 1984. *Endocrinology*. Engelwood Cliffs, New Jersey: Prentice-Hall, Inc., 102.
- *Haegele MA, Hudson RH. 1973. DDE effects on reproduction of ring doves. *Environ Pollut* 4:53-57.
- *Haegele MA, Hudson RH. 1977. Reduction of courtship behavior induced by DDE in male ringed turtle doves. *Wilson Bull* 89(4):593-601.
- *Hamid J, Sayeed A, McFarlane H. 1974. The effect of 1-(*o*-chlorophenyl)-1-(*p*-chlorophenyl)-2,2-dichloroethane (*o,p'*-DDD) on the immune response in malnutrition. *Br J Exp Pathol* 55:94.
- *Hanrahan LP, Falk C, Anderson HA, et al. 1999. Serum PCB and DDE levels of frequent Great Lakes sport fish consumers—a first look. *Environ Res* A80:S26-S37.

9. REFERENCES

- Hansler RJ, Moisey J, Montie E, et al. 1999. PCBs, DDTs and methylsulfone PCB and 4,4'-DDE metabolites in cetaceans from the Atlantic Ocean. *Organohalogen Compounds* 42:197-2000.
- *Haraguchi K, Kuroki H, Masuda Y. 1989. Occurrence and distribution of chlorinated aromatic methylsulfones and sulfoxides in biological samples. *Chemosphere* 19(1-6):487-492.
- Harbison R. 1975. Comparative toxicity of some selected pesticides in neonatal and adult rats. *Toxicol Appl Pharmacol* 32:443-446.
- *Hardell L, Van Bavel B, Lindstrom G, et al. 1996. Higher concentrations of specific polychlorinated biphenyl congeners in adipose tissue from non-Hodgkin's lymphoma patients compared with controls without a malignant disease. *Int J Oncol* 9:603-608.
- Hardy ML. 2000. distribution of decabromodiphenyl oxide in the environment. *Organohalogen Compounds* 47:237-239.
- *Hargrave BT, Harding GC, Vass WP, et al. 1992. Organochlorine pesticides and polychlorinated biphenyls in the Arctic Ocean food web. *Arch Environ Contam Toxicol* 22:41-54.
- *Harner T. 1997. Organochlorine contamination of the Canadian Arctic, and speculation on future trends. *Int J Environ Pollut* 8(1/2):51-73.
- *Harri MNE, Laitinen J, Valkama E-L. 1979. Toxicity and retention of DDT in adult frogs, *Rana temporaria* L. *Environ Pollut* 20(1):45-55.
- *Harris ML, Wilson LK, Elliott JE, et al. 2000. Transfer of DDT and metabolites from fruit orchard soils to American robins (*Turdus migratorius*) twenty years after agricultural use of DDT in Canada. *Arch Environ Contam Toxicol* 39:205-220.
- Hart M, Fouts J. 1963. Effects of acute and chronic DDT administration on hepatic microsomal drug metabolism in the rat. *Proc Soc Exp Biol Med* 114:388-392.
- Hart M, Fouts J. 1965. Further studies on the stimulation of hepatic microsomal drug metabolizing enzymes by DDT and its analogs. *Naunyn-Schmiedebergs Arch Exp Pathol Pharmacol* 249:486-500.
- *Hart M, Straw JA. 1971. Studies on the site of action of o,p'-DDD in the dog adrenal cortex. 1. Inhibition of ACTH-mediated pregnenolone synthesis. *Steroids* 17(5):559-574.
- *Hart M, Adamson R, Fabro S. 1971. Prematurity and intrauterine growth retardation induced by DDT in the rabbit. *Arch Int Pharmacodyn* 192:286-290.
- *Hart M, Whang-Peng J, Sieber S, et al. 1972. Distribution and effects of DDT in the pregnant rabbit. *Xenobiotica* 2(6):567-574.
- Harvey GR, Giam CS. 1976. Polychlorobiphenyls and DDT compounds. In: Goldberg ED. *Strategies for marine pollution monitoring*. New York, NY: John Wiley and Sons, 35-46.
- Hatolkar VS, Pawar SS. 1992. Hepatic mixed function oxidase system and effect of phenobarbital, 3-methylcholanthrene and 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane in developing chickens. *Indian J Exp Biol* 30:407-409.

9. REFERENCES

- *Hayes W, ed. 1982. Chlorinated hydrocarbon insecticides. In: Pesticides studied in man. Baltimore, MD: Williams and Wilkins, 180-195.
- *Hayes W, Dale W, Pirkle C. 1971. Evidence of safety of long-term, high, oral doses of DDT for man. Arch Environ Health 22:119.
- *Hayes W, Durham W, Cueto C. 1956. The effect of known repeated oral doses of chlorinophenothane (DDT) in man. JAMA 162:890-897.
- *Haynes RJ. 1972. Effects of DDT on glycogen and lipid levels in bobwhites. J Wildl Manage 36(2):518-523.
- HazDat. 1992. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA. February 13, 1992.
- *HazDat. 1999. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA. April 14, 1999.
- HazDat. 2001. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA.
- *HazDat. 2002. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA.
- *Heath RG, Spann JW, Kreitzer JF. 1969. Marked DDE impairment of mallard reproduction in controlled studies. Nature 224:47-48.
- *Heberer T, Dünbier U. 1999. DDT metabolite bis(chlorophenyl)acetic acid: The neglected environmental contaminant. Environ Sci Technol 33(4):2346-2351.
- *Heinrichs WL, Gellert RJ, Bakke J. 1971. DDT administered to neonatal rats induces persistent estrus syndrome. Science 17:642-643.
- Heinz, G, Erdman T, Haseltine S, et al. 1985. Contaminant levels in colonial waterbirds from Green Bay and Lake Michigan, 1975-80. Environ Monit Assess 5:223-236.
- *Heinz GH, Hill EF, Contrera JF. 1980. Dopamine and norepinephrine depletion in ring doves fed DDE, dieldrin, and aroclor 1254. Toxicol Appl Pharmacol 53:75-82.
- *Helrich K, ed. 1990. Pesticide and industrial chemical residues. In: Official Methods of Analysis of the Association of Official Analytical Chemists. Arlington, VA: Association of Official Analytical Chemists, Inc., 274-284.
- *Helzlsouer KJ, Alberg AJ, Huang H-Y, et al. 1999. Serum concentrations of organochlorine compounds and the subsequent development of breast cancer. Cancer Epidemiol Biomarkers Prev 8:525-532.
- Henderson G, Woolley D. 1969a. Tissue concentrations of DDT: Correlation with neurotoxicity in young and adult rats. Proc West Pharmacol Soc 12:58-62.
- *Henderson G, Woolley D. 1969b. Studies on the relative insensitivity of the immature rat to the neurotoxic effects of 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane (DDT). J Pharmacol Exp Ther 170(1):173-180.

9. REFERENCES

- *Henderson GL, Woolley DE. 1970. Mechanisms of neurotoxic action of 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane (DDT) in immature and adult rats. *J Pharmacol Exp Ther* 175(1):60-68.
- *Herr D, Tilson H. 1987. Modulation of *p,p'*-DDT-induced tremor by catecholaminergic agents. *Toxicol Appl Pharmacol* 91:149-158.
- *Herr D, Hong J-S, Chen P, et al. 1986. Pharmacological modification of DDT-induced tremor and hyperthermia in rats: Distributional factors. *Psychopharmacology* 89:278-283.
- *Herr D, Hong J-S, Tilson H. 1985. DDT-induced tremor in rats: Effects of pharmacological agents. *Psychopharmacology* 86:426-431.
- *Hietanen E, Vainio H. 1976. Effect of administration route of DDT on acute toxicity and drug biotransformation in various rodents. *Arch Environ Contam Toxicol* 4:201-216.
- Higginson J. 1983. DDT: Epidemiological evidence. *IARC Sci Publ* 65:107-117.
- *Hill EF, Dale WE, Miles JW. 1971. DDT intoxication in birds: Subchronic effects and brain residues. *Toxicol Appl Pharmacol* 20:502-514.
- *Hill K, Robinson G. 1945. A fatal case of DDT poisoning in a child. *Br Med J* 2:845.
- *Hilpert DW, Romen W, Newmann HG. 1983. The role of partial hepatectomy and of promoters in the formation of tumors in non-target tissues of trans-4-acetylaminostilbene in rats. *Carcinogen* 4:1519-1525.
- *Hitch RK, Day HR. 1992. Unusual persistence of DDT in some western USA soils. *Bull Environ Contam Toxicol* 48:259-264.
- Hodgson JT, Jones RD. 1990. Mortality of a cohort of tin miners 1941-1986. *Br J Ind Med* 47:665-676.
- *Hoel DG, Davis DL, Miller AB, et al. 1992. Trends in cancer mortality in 15 industrialized countries, 1969-1986. *J Natl Cancer Inst* 84(5):313-320.
- *Hoff R, Strachan W, Sweet C, et al. 1996. Atmospheric deposition of toxic chemicals to the Great Lakes: A review of data through 1994. *Atmos Environ* 30(20):3505-3527.
- Holt R, Cruse S, Greer E. 1986. Pesticide and polychlorinated biphenyl residues in human adipose tissue from northeast Louisiana. *Bull Environ Contam Toxicol* 36:651-655.
- *Hong J, Herr D, Hudson P, et al. 1986. Neurochemical effects of DDT in rat brain *in vivo*. *Arch Toxicol* 9:14-26.
- *Hopper ML. 1991. Analysis of organochlorine pesticide residues using simultaneous injection of two capillary columns with electron capture and electrolytic conductivity detectors. *J Assoc Off Anal Chem* 74(6):974-981.
- *Hoppin JA, Tolbert PE, Holly EA, et al. Pancreatic cancer and serum organochlorine levels. *Cancer Epidemiol Biomark Prev* 9:199-205.
- *Hovinga M, Sowers M, Humphrey HEB. 1992. Historical changes in serum PCB and DDT levels in an environmentally-exposed cohort. *Arch Environ Contam Toxicol* 22:362-366.

9. REFERENCES

- *Hovinga M, Sowers M, Humphrey H. 1993. Environmental exposure and lifestyle predictors of lead, cadmium, PCB, and DDT levels in Great Lakes fish eaters. *Arch Environ Health* 48(2):98-104.
- *Howard P, Meylan W, eds. 1997. *Handbook of physical properties of organic chemicals*. Boca Raton, FL: CRC Press, Lewis Publishers, 3, 18, 49,518,723.
- *Howard P, Neal M, eds. 1992. *Dictionary of chemical names and synonyms*. Ann Arbor, MI: Lewis Publishers, 1558,1769,124-25.
- *Hoyer AP, Grandjean P, Jorgensen T, et al. 1998. Organochlorine exposure and risk of breast cancer. *Lancet* 352:1816-1820.
- *Høyer AP, Jørgensen T, Grandjean P, et al. 2000. Repeated measurements of organochlorine exposure and breast cancer risk (Denmark). *Cancer Causes Control* 11:177-184.
- *Hrdina P, Singhal R. 1972. Neurotoxic effects of DDT: Protection by cycloheximide. *J Pharm Pharmacol* 24:167-169.
- *Hrdina P, Singhal R, Peters D, et al. 1972. Comparison of the chronic effects of *p,p'*-DDT and *a*-chlordane on brain amines. *Eur J Pharmacol* 20:114-117.
- *Hrdina P, Singhal R, Peters D, et al. 1973. Some neurochemical alterations during acute DDT poisoning. *Toxicol Appl Pharmacol* 25:276-288.
- *HSDB. 1988. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. November 11, 1988.
- HSDB. 1999a. *p,p'*-DDT - 50-29-3. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. April 16, 1999.
- HSDB. 1999b. *p,p'*-DDD - 72-54-8. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. April 16, 1999.
- HSDB. 1999c. *o,p'*-DDD - 53-19-0. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. April 16, 1999.
- HSDB. 1999d. *p,p'*-DDE - 72-55-9. Hazardous Substances Data Bank. National Library of Medicine, SRI 1982; National Toxicology Information Program, Bethesda, MD. April 16, 1999.
- *HSDB. 2001a. *p,p'*-DDT- 50-29-3. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>. September 05, 2001.
- *HSDB. 2001b. *p,p'*-DDD - 72-54-8. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>. September 05, 2001.
- *HSDB. 2001c. *o,p'*-DDD - 53-19-0. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>. September 05, 2001.

9. REFERENCES

- *HSDB. 2001d. *p,p'*-DDE - 72-55-9. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>. September 05, 2001.
- *Hsieh H. 1954. DDT intoxication in a family of Southern Taiwan. *Am Med Assoc Arch Ind Hyg* 10:344-346.
- Hubert A, Wenzel K-D, Engelwald W, et al. 2001. accelerated solvent extraction - more efficient extraction of POPs and PAHs from real contaminated plant and soil samples. 20(2):101-144.
- *Hudson P, Chen P, Tilson H, et al. 1985. Effects of *p,p'*-DDT on the rat brain concentrations of biogenic amine and amino acid neurotransmitters and their association with *p,p'*-DDT-induced tremor and hyperthermia. *J Neurochem* 45(5):1349-1355.
- *Hundley HK, Cairns T, Luke MA, et al. 1988. Pesticide residue findings by the Luke Method in domestic and imported foods and animal feeds for fiscal years 1982-1986. *J Assoc Off Anal Chem* 71:875-892.
- *Hunter D, Hankinson S, Laden F, et al. 1997. Plasma organochlorine levels and the risk of breast cancer. *N Engl J Med* 337(18):1253-1257.
- *Hurst JG, Newcomer WS, Morrison JA. 1974. Some effects of DDT, toxaphene, and polychlorinated biphenyl on thyroid function in bobwhite quail. *Poult Sci* 53:125-133.
- Hussain A, Tirmazi S, Maqbool U, et al. 1994. Studies of the effects of temperatures and solar radiation on volatilization, mineralization and binding of ¹⁴C-DDT in soil under laboratory conditions. *J Environ Sci Health B29(1):141-151*.
- *Hwang E, Van Woert M. 1978. *p,p'*-DDT-induced neurotoxic syndrome: Experimental myoclonus. *Neurology* 28:1020-1025.
- Hwang E, Van Woert M. 1979. *p,p'*-DDT-induced myoclonus: Serotonin and alpha noradrenergic interaction. *Res Commun Chem Pathol Pharmacol* 23:257-266.
- *Hyland J, Snoots T, Balthis WL. 1998. Sediment quality of estuaries in the southeastern U.S. *Environ Monit Assess* 51:331-343.
- IARC. 1973. IARC monographs of the evaluation of the carcinogenic risk of chemicals to man: Some organochlorine pesticides. Vol 5. Lyon, France: World Health Organization, International Agency for Research on Cancer.
- IARC. 1987a. IARC monographs on the evaluation of the carcinogenic risk to humans: Summary table. Suppl. 7:66. Lyon, France: World Health Organization, International Agency for Research on Cancer.
- IARC. 1987b. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Overall Evaluations of Carcinogenicity: An Updating of IARC Monographs. Lyon, France: International Agency for Research on Cancer, Supplement 7:186.
- IARC. 1991. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Occupational exposures in insecticide application, and some pesticides. Lyon, France: International Agency for Research on Cancer, Vol 53:193

9. REFERENCES

- *IARC. 2002. DDT and associated compounds (Group 2B). International Agency for Research on Cancer. <http://193.51.164.11/htdocs/Monographs/Vol53/04-DDT.HTM>. January 02, 2002.
- *Innes J, Ulland B, Valerio M, et al. 1969. Bioassay of pesticides and industrial chemicals for tumorigenicity in mice: A preliminary note. *J Natl Cancer Inst* 42(6):1101.
- International Labour Office. 1983. Encyclopedia of occupational health and safety. Vols. I & II. Geneva, Switzerland, 1636.
- *IRIS. 2001a. DDD. Integrated Risk Information System. U.S. Environmental Protection Agency. <http://www.epa.gov/iris/subst/0347.htm>. September 05, 2001.
- *IRIS. 2001b. DDE. Integrated Risk Information System. U.S. Environmental Protection Agency. <http://www.epa.gov/iris/subst/0328.htm>. September 05, 2001.
- *IRIS. 2001c. DDT. Integrated Risk Information System. U.S. Environmental Protection Agency. <http://www.epa.gov/iris/subst/0147.htm>. September 05, 2001.
- *Iwata H, Tanabe S, Sakai N, et al. 1993. Distribution of persistent organochlorines in the oceanic air and surface seawater and the role of ocean on their global transport and fate. *Environ Sci Technol* 27:1080-1098.
- *Janak K, Becker G, Colmsjo A, et al. 1998. Methyl sulfonyl polychlorinated biphenyls and 2,2-bis(4-chlorophenyl)-1,1-dichlorethene in gray seal tissues determined by gas chromatography with electron capture detection and atomic emission detection. *Environ Toxicol Chem* 17(6):1046-1055.
- *Jansen L, Jongen W. 1996. The use of initiated cell as a test system for the detection of inhibitors of gap junctional intercellular communication. *Carcinogenesis* 17(2):333-339.
- Jarman W, Springer A, Walker W. 1986. A metabolic derivation of DDE from kelthane. *Environ Toxicol Chem* 5:13-19.
- *Jefferies DJ. 1967. The delay in ovulation produced by pp'-DDT and its possible significance in the field. *Ibis* 109:266-272.
- *Jefferies DJ. 1969. Induction of apparent hyperthyroidism in birds fed DDT. *Nature* 222:578-579.
- *Jefferies DJ. 1972. Organochlorine insecticide residues in British bats and their significance. *J Zool* 166:245-263.
- *Jefferies DJ, French MC. 1969. Avian thyroid: Effect of p,p'-DDT on size and activity. *Science* 166:1278-1280.
- *Jefferies DJ, French MC. 1971. Hyper- and hypothyroidism in pigeons fed DDT: An explanation for the 'thin eggshell phenomenon'. *Environ Pollut* 1:235-242.
- *Jefferies DJ, French MC. 1972. Changes induced in the pigeon thyroid by p,p'-DDE and dieldrin. *J Wildl Manage* 36(1):24-30.
- *Jefferies DJ, Walker CH. 1966. Uptake of p,p'-DDT and its post-mortem breakdown in the avian liver. *Nature* 212:533-534.

9. REFERENCES

- *Jefferies DJ, French MC, Osborne BE. 1971. The effect of pp'-DDT on the rate, amplitude and weight of the heart of the pigeon and bengalese finch. *Br Poult Sci* 12:387-399.
- *Jensen J, Cueto C, Dale W, et al. 1957. DDT metabolites in feces and bile of rats. *J Agric Food Chem* 5(12):919-925.
- *Jensen S, Jansson B. 1976. Methyl sulfone metabolites of PCB and DDE. *Ambio* 5:257-260.
- Jeyaratnam J, Forshaw P. 1974. A study of the cardiac effects of DDT in laboratory animals. *Bull World Health Organ* 51:531-535.
- *Johanson CE. 1980. Permeability and vascularity of the developing brain: Cerebellum vs cerebral cortex. *Brain Res* 190:3-16.
- *Johansson M, Larsson C, Bergman A, et al. 1998. Structure-activity relationship for inhibition of CYP11B1-dependent glucocorticoid synthesis in Y1 cells by aryl methyl sulfones. *Pharmacol Toxicol* 83:225-230.
- *Johansson U, Fredriksson A, Eriksson P. 1995. Bioallethrin causes permanent changes in behavioural and muscarinic acetylcholine receptor variables in adult mice exposed neonatally to DDT. *Eur J Pharmacol* 293:159-166.
- *Johansson U, Fredriksson A, Eriksson P. 1996. Low-dose effects of paraoxon in adult mice exposed neonatally to DDT: Changes in behavioural and cholinergic receptor variables. *Environ Toxicol Pharmacol* 2:307-314.
- *Johnsen R. 1976. DDT metabolism in microbial systems. *Residue Rev* 61:1-28.
- *Johnson G, Jalal S. 1973. DDT-induced chromosomal damage in mice. *J Hered* 64:7-8.
- *Johnson A, Norton D, Yake B. 1988b. Persistence of DDT in the Yakima River drainage, Washington. *Arch Environ Contam Toxicol* 17:289-297.
- Johnson DC. 1996. Estradiol-chlordecone (kepone) interactions: additive effect of combinations for uterotropic and embryo implantation functions. *Toxicol Lett* 89:57-64.
- Johnson DC, Kogo H, Sam M, et al. 1988a. Multiple estrogenic action of *o,p'*-DDT: Initiation and maintenance of pregnancy in the rat. *Toxicology* 53:79-87.
- *Johnson DC, Sen M, Dey SK. 1992. Differential effects of dichlorodiphenyl-trichloroethane analogs, chlordecone, and 2,3,7,8-tetrachlorodibenzo-p-dioxin on establishment of pregnancy in the hypophysectomized rat. *Proc Soc Exp Biol Med* 199:42-48.
- *Jones FJS, Summers DDB. 1968. Relation between DDT in diets of laying birds and viability of their eggs. *Nature* 217:1162-1163.
- *Jones JL, Roberts LM. 1999. The relative merits of monitoring and domestic wells for ground water quality investigations. *Ground Water Monit Remed* 19(3):138-144.
- *Jonsson C-J. 1994. Decreased plasma corticosterone levels in suckling mice following injection of the adrenal toxicant, MeSO₂-DDE, to the lactating dam. *Pharmacol Toxicol* 74:58-60.

9. REFERENCES

- *Jonsson C-J, Lund B-O. 1994. In vitro bioactivation of the environmental pollutant 3-methylsulphonyl-2,2-bis(4-chlorophenyl)-1,1-dichloroethene in the human adrenal gland. *Toxicol Lett* 71:169-175.
- *Jonsson C-J, Lund B-O, Bergman A, et al. 1992. Adrenocortical toxicity of 3-methylsulphonyl-DDE; 3: Studies in fetal and suckling mice. *Reprod Toxicol* 6:233-240.
- *Jonsson C-J, Lund BO, Brunstrom B, et al. 1994. Toxicity and irreversible binding of two DDT metabolites-3-methylsulfonyl-DDE and o,p'-DDD- in adrenal interrenal cells in birds. *Environ Toxicol Chem* 13(8):1303-1310.
- *Jonsson C-J, Rodriguez-Martinez H, Lund B-O, et al. 1991. Adrenocortical toxicity of 3-methylsulfonyl-DDE in mice: II. Mitochondrial changes following ecologically relevant doses. *Fundam Appl Toxicol* 16:365-374.
- *Jonsson H, Keil J, Gaddy R, et al. 1976. Prolonged ingestion of commercial DDT and PCB; effects on progesterone levels and reproduction in the mature female rat. *Arch Environ Contam Toxicol* 3:479-490.
- *Jonsson H, Walker E, Greene W, et al. 1981. Effects of prolonged exposure to dietary DDT and PCB on rat liver morphology. *Arch Environ Contam Toxicol* 10:171-183.
- *Jonsson J, Rodriguez-Martinez H, Brandt I. 1995. Transplacental toxicity of 3-methylsulphonyl-DDE in the developing adrenal cortex in mice. *Reprod Toxicol* 9(3):257-264.
- Joy RM. 1982. Chlorinated hydrocarbon insecticides. In: Ecobichon DJ, Joy RM, eds. *Pesticides and neurological diseases*. Boca Raton, FL: CRC Press, 91-150.
- Juberg D, Loch-Carusio R. 1991. Increased contraction frequency in rat uterine strips treated *in vitro* with o,p'-DDT. *Bull Environ Contam Toxicol* 46:751-755.
- *Juberg D, Loch-Carusio R. 1992. Investigation of the role of estrogenic action and prostaglandin E₂ in DDT-stimulated rat uterine contractions *ex vivo*. *Toxicology* 74:161-172.
- *Juberg D, Stuenkel E, Loch-Carusio R. 1995. The chlorinated insecticide 1,1-dichloro-2,2-bis(4-chlorophenyl)ethane (p,p'-DDD) increases intracellular calcium in rat myometrial smooth muscle cells. *Toxicol Appl Pharmacol* 135:147-155.
- *Kale SP, Murthy NBK, Raghu K, et al. 1999. Studies on degradation of ¹⁴C-DDT in the marine environment. *Chemosphere* 39:959-968
- *Kallenborn R, Oehme M, Wynn-Williams D, et al. 1998. Ambient air levels and atmospheric long-range transport of persistent organochlorines to Signy Island, Antarctica. *Sci Total Environ* 220:167-180.
- Kamel F, Boyes WK, Gladen BC, et al. 2000. Retinal degeneration in licensed pesticide applicators. *Am J Ind Med* 37:618-628.
- Kaminski N, Wells D, Dauterman W, et al. 1986. Macrophage uptake of a lipoprotein-sequestered toxicant: A potential route of immunotoxicity. *Toxicol Appl Pharmacol* 82:474-480.
- *Kan-Do Office and Pesticides Team. 1995. Accumulated pesticide and industrial chemical findings from a ten-year study of ready-to-eat foods. *J Assoc Off Anal Chem* 78(3):614-631.

9. REFERENCES

Kaneko T, Horiuchi J, Sato A. 2000. Development of a physiologically based pharmacokinetic model of organic solvent in rats. *Pharm Res* 42(5):465-470.

*Kang K, Wilson M, Hayashi T, et al. 1996. Inhibition of gap junctional intercellular communication in normal human breast epithelial cells after treatment with pesticides, PCBs, and PBBs, alone or in mixtures. *Environ Health Perspect* 104(2):192-200.

Kanja LW, Skaare JU, Ojwang SBO, et al. 1992. A comparison of organochlorine pesticide residues in maternal adipose tissue, maternal blood, cord blood, and human milk and mother/infant pairs. *Arch Environ Contam Toxicol* 22:21-24.

Kapoor IP, Metcalf RL, Nystrom RF, et al. 1970. Comparative metabolism of methoxychlor, methiochlor, and DDT in mouse, insects, and in a model ecosystem. *J Agric Food Chem* 18(6):1145-1152.

*Kar P, Dikshith T. 1970. Dermal toxicity of DDT. *Experientia* 26:634-635.

*Karlsson B, Persson B, Sodergren A, et al. 1974. Locomotory and dehydrogenase activities of redstarts *Phoenicurus phoenicurus* L. (aves) given PCB and DDT. *Environ Pollut* 7:53-63.

*Karmaus W, Ajakevich S, Indurkhy A, et al. 2002. Childhood growth and exposure to dichlorodiphenyl dichloroethene and polychlorinated biphenyls. *J Pediatr* 140:33-39.

Karmaus W, DeKoning EP, Kruse H, et al. 2001. Early childhood determinants of organochlorine concentrations in school-aged children. *Pediatr Res* 50(3):331-336.

*Kashyap S, Nigam S, Karnik A, et al. 1977. Carcinogenicity of DDT (dichlorodiphenyl trichloroethane) in pure inbred Swiss mice. *Int J Cancer* 19:725-729.

Kasperlik-Zaluska AA. 2000. Clinical results of the use of mitonane for adreocortical carcinoma. *Braz J Med Biol Res* 33:1191-1196.

Kearney JP, Cole DC, Ferron LA, et al. 1999. Blood PCB, p,p'-DDE, and mirex levels in Great Lakes fish and waterfowl consumers in two Ontario communities. *Environ Res* A80:S138-S149.

*Keith JO, Mitchell CA. 1993. Effects of DDE and food stress on reproduction and body condition of ringed turtle doves. *Arch Environ Contam Toxicol* 25:192-203.

*Keith L, Garrison A, Allen R, et al. 1979. Identification of organic compounds in drinking water from thirteen U.S. cities. In: Keith L, ed. Identification and analysis of organic pollutants in water. Ann Arbor, MI: Ann Arbor Science, 329-373.

Kelce WR, Gray LE, Wong C, et al. 1998. Developmental effects and molecular mechanisms of environmental antiandrogens. In: Eisenbrand G, ed. Hormonally active agents in food: Symposium. Weinheim, Germany: Wiley-VCH, 128-141.

*Kelce W, Lambright C, Gray E, et al. 1997. Vinclozolin and p,p'-DDE alter androgen-dependent gene expression: *In vivo* confirmation of an androgen receptor-mediated mechanism. *Toxicol Appl Pharmacol* 142:192-200.

9. REFERENCES

- *Kelce W, Stone C, Laws S, et al. 1995. Persistent DDT metabolite *p,p'*-DDE is a potent androgen receptor antagonist. *Nature* 375:581-585.
- *Keller W, Yeary R. 1980. A comparison of the effects of mineral oil, vegetable oil, and sodium sulfate on the intestinal absorption of DDT in rodents. *Clin Toxicol* 16(2):223-231.
- *Kelly-Garvert F, Legator M. 1973. Cytogenetic and mutagenic effects of DDT and DDE in a Chinese hamster cell line. *Mutat Res* 17:223-229.
- *Kenney AD, Dacke CG, Wagstaff DJ, et al. 1972. Effects of DDT on calcium metabolism in the Japanese quail. *Trace Subst Environ Health* :247-255.
- *Keplinger M, Deichmann W, Sala F. 1970. Effects of combinations of pesticides on reproduction in mice. In: Deichmann W, ed. *Pesticide symposia. 6th-7th International-American Conference of Toxicology and Occupational Medicine, University of Miami Medical School, Miami, FL*, 125-138.
- Keplinger M, Dressler I, Deichmann W. 1966. Tissue storage in mice fed combinations of pesticides. *Toxicol Appl Pharmacol* 8:344.
- *Khairy M. 1959. Changes in behaviour associated with a nervous system poison (DDT). *Q J Exp Psychol* 11:94-91.
- *Khan IA, Thomas P. 1998. Estradiol-17 β and *o,p'*-DDT stimulate gonadotropin release in Atlantic croaker. *Marine Environmental Research* 46:149-152.
- *Khanna N, Santerre C, Xu D, et al. 1997. Changes in dieldrin and *p,p'*-DDE residues following cooking of channel fish. *J Food Prot* 60(3):300-304.
- *Kidd KA, Bootsma HA, Hesslein RH, et al. 2001. Biomagnification of DDT through the benthic and pelagic food webs of Lake Malawi, East Africa: Importance of trophic level and carbon source. *Environ Sci Technol* 35:14-20
- *Kihlstrom J, Lundberg C, Orberg J, et al. 1975. Sexual functions of mice neonatally exposed to DDT or PCB. *Environ Physiol Biochem* 5:54-57.
- *Kimbrough R, Gaines T, Sherman J. 1964. Nutritional factors, long-term DDT intake, and chloroleukemia in rats. *J Natl Cancer Inst* 33:215-225.
- *Kiriluk R, Servos M, Whittle D, et al. 1995. Using ratios of stable nitrogen and carbon isotopes to characterize the biomagnification of DDE, mirex, and PCB in a Lake Ontario pelagic food web. *Can J Fish Aquat Sci* 52:2660-2674.
- *Kirk G, Jensen H. 1975. Toxic effects of *o,p'*-DDD in the normal dog. *J Am Anim Hosp Assoc* 11:765-768.
- *Kirk G, Boyer S, Hutcheson D. 1974. Effects of *o,p'*-DDD on plasma cortisol levels and histology of the adrenal gland in the normal dog. *J Am Anim Hosp Assoc* 10:179-182.
- *Kitagawa T, Hino O, Nomura K, et al. 1984. Dose-response studies on promoting and anticarcinogenic effects of phenobarbital and DDT in the rat hepatocarcinogenesis. *Carcinogenesis* 5:1653-1656.

9. REFERENCES

- *Kitchin K, Brown J. 1988. Biochemical effects of DDT and DDE in rat and mouse liver. *Environ Res* 46:39-47.
- *Klaassen C. 1990. Principles of toxicology. In: Gilman A, Rall T, Nies A, et al., eds. *The pharmacological basis of therapeutics*. 8th ed. New York, NY: Pergamon Press, 49-61.
- Klauser S, Gantner D, Salgam P, et al. 1991. Structure-function studies of designed DDT-binding polypeptides. *Biochem Biophys Res Commun* 179(3):1212-1219.
- *Klein A, Laug E, Datta P, et al. 1964. Metabolites: Reductive dechlorination of DDT to DDD and isomeric transformation of *o,p'*-DDT to *p,p'*-DDT *in vivo*. *J Assoc Off Agric Chem* 47:1129-1145.
- *Kolmodin B, Azarnoff D, Sjoqvist F. 1969. Effect of environmental factors on drug metabolism: Decreased plasma half-life of antipyrine in workers exposed to chlorinated hydrocarbon insecticides. *Clin Pharmacol Ther* 10:638-642.
- *Komori M, Nishio K, Kitada M, et al. 1990. Fetus-specific expression of a form of cytochrome P-450 in human livers. *Biochemistry* 29:4430-4433.
- *Koner B, Banerjee B, Ray A. 1998. Organochlorine pesticide-induced oxidative stress and immune suppression in rats. *Indian J Exp Biol* 36:395-398.
- *Kornbrust D, Gillis B, Collins B, et al. 1986. Effects of 1-dichloro-2,2-bis[*p*-chlorophenyl]ethane (DDE) on lactation in rats. *J Toxicol Environ Health* 17:23-36.
- *Korrick SA, Altshul LM, Tolbert PE, et al. 2000a. Measurement of PCBs, DDE, and hexachlorobenzene in cord blood from infants born in towns adjacent to a PCB-contaminated waste site. *J Expo Anal Environ Epidemiol* 10:743-754.
- Korrick S, Damokosh A, Chen C, et al. 2000b. Serum DDT and DDE levels and spontaneous abortion [Abstract]. *Am J Epidemiol* 151(12):S24.
- Koschier F, Gigliotti P, Hong S. 1980. The effect of bis(*p*-chlorophenyl) acetic acid on the renal function of the rat. *J Environ Pathol Toxicol* 4:209-217.
- *Kostka G, Palut D, Kopec-Szlezak J, et al. 2000. Early hepatic changes in rats induced by permethrin in comparison with DDT. *Toxicology* 142:135-143.
- Kramer VJ, Giesy JP. 1999. Specific binding of hydroxylated polychlorinated biphenyl metabolites and other substances to bovine calf uterine estrogen receptor: structure-binding relationships. *Sci Total Environ* 233:141-161.
- Krantzberg G, Boyd D. 1991. The biological significance of contaminants in sediment from Hamilton Harbor Lake Ontario Canada. Seventeenth annual aquatic toxicity workshop, Vancouver, British Columbia, Canada, November 5-7, 1990. *Can Tech Rep Fish Aquat Sci* 1774:847-884.
- *Kratzer CR. 1999. Transport of sediment-bound organochlorine pesticides to the San Joaquin River, California. *J Am Water Resources Assoc* 35:957-981
- *Krause W. 1977. Influence of DDT, DDVP and malathion on FSH, LH and testosterone serum levels and testosterone concentration in testis. *Bull Environ Contam Toxicol* 18(2):231-242.

9. REFERENCES

- *Krause W, Hamm K, Weissmuller J. 1975. The effect of DDT on spermatogenesis of the juvenile rat. *Bull Environ Contam Toxicol* 14(2):171-179.
- *Krauthacker B, Alebic-Kolbah T, Buntic A, et al. 1980. DDT residues in samples of human milk, and in mothers' and cord blood serum, in a continental town in Croatia (Yugoslavia). *Int Arch Occup Environ Health* 46:267-273.
- *Krauthaker B, Reiner E, Votava-Raic A, et al. 1998. Organochlorine pesticides and PCBs in human milk collected from mothers nursing hospitalized children. *Chemosphere* 37(1):27-32.
- Kraybill H. 1977. Global distribution of carcinogenic pollutants in water. *Ann NY Acad Sci* 298:80-89.
- *Kreiss K, Zack MM, Kimbrough RD, et al. 1981. Association of blood pressure and polychlorinated biphenyl levels. *JAMA* 245(24):2505-2509.
- *Krieger N, Wolff M, Hiatt R, et al. 1994. Breast cancer and serum organochlorines: A prospective study among white, black, and Asian women. *J Natl Cancer Inst* 86(8):589-599.
- *Krishnan K, Andersen ME. 1994. Physiologically-based pharmacokinetic modeling in toxicology. In: Hayes AW, ed. *Principles and methods of toxicology*. 3rd Ed. New York, NY: Raven Press, Ltd., 399-437.
- *Krishnan K, Andersen ME, Clewell H, et al. 1994. Physiologically based pharmacokinetic modeling of chemical mixtures. In: Yang R, ed. *Toxicology of chemical mixtures: Case studies, mechanism, and novel approaches*. New York, NY: Academic Press, 399-437.
- Krstevska-Konstantinova M, Charlier C, Craen M, et al. 2001. Sexual precocity after immigration from developing countries to Belgium: evidence of previous exposure to organochlorine pesticides. *Hum Reprod* 16(5):1020-1026.
- *Kubinski H, Nigam SK, Karnick AB, et al. 1981. DNA cell-binding (DCB) assay for suspected carcinogens and mutagens. *Mutat Res* 89:95-136.
- Kuiper GGJM, Carlsson B, Grandien K et al. 1997. Comparison of the ligand binding specificity and transcript tissue distribution of estrogen receptors α and β . *Endocrinology* 138:863-870.
- *Kuiper GGJM, Enmark E, Peltö-Huikko M et al. 1996. Cloning of a novel estrogen receptor expressed in rat prostate and ovary. *Proc Natl Acad Sci USA* 93:5925-5930
- Kuiper G, Lemmen J, Carlsson V, et al. 1998. Interaction of estrogenic chemicals and phytoestrogens with estrogen receptor β . *Endocrinology* 139(10):4252-4263.
- *Kuhnlein H, Receveur O, Muir D, et al. 1995. Arctic indigenous women consume greater than acceptable levels of organochlorines. Bethesda, MD: American Institute of Nutrition, 2501-2510.
- *Kurtz D. 1977. Adsorption of PCB's and DDT's on membrane filters- A new analysis method. *Bull Environ Contam Toxicol* 17(4):391-398.
- *Kutz F, Strassman S, Sperling J. 1979. Survey of selected organochlorine pesticides in the general population of the United States: Fiscal years 1970-75. *Ann NY Acad Sci* 320:60-68.

9. REFERENCES

- *Kutz F, Wood P, Bottimore D. 1991. Organochlorine pesticides and polychlorinated biphenyls in human adipose tissue. *Rev Environ Contam Toxicol* 120:1-82.
- *Kutz F, Yobs A, Strassman S, et al. 1977. Pesticides in people: Effects of reducing DDT usage on total DDT storage in humans. *Pestic Monit J* 11(2):61-63.
- Lacorte S, Guiffard I, Fraisse D, et al. 2000. Broad spectrum analysis of 109 priority compounds listed in the 76/464/CEE council directive using solid-phase extraction and GC/EI/MS. *Anal Chem* 72:1430-1440.
- *Laden F, Collman G, Iwamoto K, et al. 2001a. 1,1-Dichloro-2,2-bis(*p*-chlorophenyl)ethylene and polychlorinated biphenyls and breast cancer: Combined analysis of five U.S. studies. *J Natl Cancer Inst* 93(10):768-776.
- *Laden F, Hankinson SE, Wolff MS, et al. 2001b. Plasma organochlorine levels and the risk of breast cancer: An extended follow-up in the nurses' health study. *Indian J Cancer* 91:568-574.
- Laden F, Hunter D, Cantor K, et al. 2000. Non-Hodgkin's lymphoma and plasma levels of DDE and PCBs [Abstract]. *Am J Epidemiol* 151(12):S23.
- *Laden F, Neas L, Spiegelman D, et al. 1999. Predictors of plasma concentrations of DDE and PCBs in a group of U.S. women. *Environ Health Perspect* 107(1):75-81.
- *LaKind JS, Berlin CM, Park CN, et al. 2000. Methodology for characterizing distributions of incremental body burdens of 2,3,7,8-TCDD and DDE from breast milk in North American nursing infants. *J Toxicol Environ Health A* 59:605-639.
- *Larsen K, Jalal S. 1974. DDT induced chromosome mutations in mice: Further testing. *Can J Genet Cytol* 16:491-497.
- Lascombe I, Beffa D, Rüegg U, et al. 2000. Estrogenic activity assessment of environmental chemicals using *in vitro* assays: Identification of two new estrogenic compounds. *Environ Health Perspect* 108(7):621-629.
- *Lauenstein G. 1995. Comparison of organic contaminants found in mussels and oysters from a current mussel watch project with those from archived mollusc samples of the 1970s. *Mar Pollut Bull* 30(12):826-833.
- *Laug E, Nelson A, Fitzhugh O, et al. 1950. Liver cell alternation and DDT storage in the fat of the rat induced by dietary levels of 1 to 50 ppm DDT. *J Pharmacol Exp Ther* 98:268.
- La Vecchia C, Negri E, D'Avanzo B, et al. 1990. Occupation and the risk of bladder cancer. *Int J Epidemiol* 19(2):264-268.
- *Laws E, Curley A, Biros F. 1967. Men with intensive occupational exposure to DDT: A clinical and chemistry study. *Arch Environ Health* 15:766-775.
- *Laws E, Maddrey W, Curley A, et al. 1973. Long-term occupational exposure to DDT. *Arch Environ Health* 27:318-321.

9. REFERENCES

- *Lebel G, Dodin S, Ayotte P, et al. 1998. Organochlorine exposure and the risk of endometriosis. *Fertil Steril* 69(2):221-228.
- *LeBlanc G. 1995. Trophic-level differences in the bioconcentration of chemicals: Implications in assessing environmental biomagnification. *Environ Sci Technol* 29:154-160.
- *Ledoux T, Lodge J, Touchberry R, et al. 1977. The effects of low dietary levels of DDT on breeding performance in hybrid mice. *Arch Environ Contam Toxicol* 6:435-446.
- Lee AG, East JM, Balgavy P. 1991. Interactions of insecticides with biological membranes. *Pestic Sci* 32(3):317-327.
- *Leeder JS, Kearns GL. 1997. Pharmacogenetics in pediatrics: Implications for practice. *Pediatr Clin North Am* 44(1):55-77.
- *Legator M, Palmer K, Adler I-D. 1973. A collaborative study of *in vitro* cytogenetic analysis. I. Interpretation of slide preparations. *Toxicol Appl Pharmacol* 24:337.
- *Lehman A. 1965. Summaries of pesticide toxicity, Topeka, Kansas, Association of Food and Drug Officials of the United States.
- *Lehman JW, Peterle TJ, Mills CM. 1974. Effects of DDT on bobwhite quail (*Colinus virginianus*) adrenal gland. *Bull Environ Contam Toxicol* 11(5):407-413.
- Lembowicz K, Sitarska E, Gorski T, et al. 1991. The effect of organic chlorine compounds and their metabolites present in human milk on newborn mice. *Toxicol Lett* 57(2):215-226.
- *Leoni V, Fabiani L, Marinelli G, et al. 1989. PCB and other organochlorine compounds in blood of women with or without miscarriage: A hypothesis of correlation. *Ecotoxicol Environ Safety* 17:1-11.
- *Lessa J, Becak W, Rabello M, et al. 1976. Cytogenetic study of DDT on human lymphocytes *in vitro*. *Mutat Res* 40:131.
- *Letcher R, Norstrom R. 1995. An integrated analytical method for determination of polychlorinated aryl methyl sulfone metabolites and polychlorinated hydrocarbon contaminants in biological matrices. *Anal Chem* 67:4155-4163.
- *Letcher RJ, Norstrom RJ, Bergman A. 1995. Geographical distribution and identification of methyl sulphone PCB and DDE metabolites in pooled polar bear (*Ursis maritimus*) adipose tissue from western hemisphere arctic and subarctic regions. *Sci Total Environ* 160/161:409-420.
- *Letcher R, Norstrom R, Muir C. 1998. Biotransformation versus bioaccumulation: Sources of methyl Sulfoxes PCB and 4,4'-DDE metabolites in the polar bear food chain. *Environ Sci Technol* 32:1656-1661.
- *Leung H-W. 1993. Physiologically-based pharmacokinetics modeling. In: Ballentine B, Marro T, Turner P, eds. *General and applied toxicology*. New York, NY: Stockton Press, 153-164.
- *Levy G. 1982. Gastrointestinal clearance of drugs with activated charcoal. *New Engl J Med* 307(11):676-677.

9. REFERENCES

- Lewin V, McBlain W, Wolfe F. 1972. Acute intraperitoneal toxicity of DDT and PCB's in mice using two solvents. *Bull Environ Contam Toxicol* 8:245-250.
- Lewis DFV. 1999. Frontier orbitals in chemical and biological activity: Quantitative relationships and mechanistic implications. *Drug Metab Rev* 31(3):755-816.
- Lewis R, Lee R. 1976. Air pollution from pesticides: Sources, occurrence, and dispersion. In: Lee R, ed. *Air pollutions from pesticides and agricultural processes*. Cleveland, OH: CRC Press, 5-50.
- *Lewis RG, Fortmann RC, Camann DE. 1994. Evaluation of methods for monitoring the potential exposure of small children to pesticides in the residential environment. *Arch Environ Contam Toxicol* 26:37-46.
- Li JJ, Li SA. 1998. Natural and anthropogenic environmental oestrogens: the scientific basis for risk assessment. Breast cancer: evidence for xeno-oestrogen involvement in altering its incidence and risk. *Pure Appl Chem* 70(9):1713-1723.
- Liao W, Joe T, Cusick WG. 1991. Multiresidue screening method for fresh fruits and vegetables with gas chromatographic/mass spectrometric detection. *J Assoc Off Anal Chem* 74(3):554-565.
- *Lichtenberg J, Eichelberger J, Dreeman R, et al. 1970. Pesticides in surface waters of the United States: A 5-year summary, 1964-68. *Pestic Monit J* 4(2):71-86.
- *Lichtenstein E, Schulz K. 1959. Persistence of some chlorinated hydrocarbon insecticides as influenced by soil types, rate of application and temperature. *J Econ Entomol* 52(1):124-131.
- *Lichtenstein E, Schulz K. 1960. Translocation of some chlorinated hydrocarbon insecticides into the aerial parts of pea plants. *Agric Food Chem* 8(6):452-456.
- *Lide, DR, ed. 1998. *Handbook of chemistry and physics*. Boca Raton, FL: CRC Press, Inc., 3-65.
- *Lieberg-Clark P, Bacon C, Burns S, et al. 1995. DDT in California sea-lions: A follow-up study after twenty years. *Mar Pollut Bull* 30(11):744-745.
- *Ligocki M, Leuenberger C, Pankow J. 1985. Trace organic compounds in rain: II. Gas scavenging of neutral organic compounds. *Atmos Environ* 19(10):1609-1617.
- *Liljegren G, Hardell L, Lindstrom G, et al. 1998. Case-control study on breast cancer and adipose tissue concentrations of congener specific polychlorinated biphenyls, DDE and hexachlorobenzene. *Eur J Cancer Prev* 7:135-140.
- *Lindenau A, Fischer B, Seiler P, et al. 1994. Effects of persistent chlorinated hydrocarbons on reproductive tissues in female rabbits. *Hum Reprod* 9(5):772-780.
- *Linder RE, Strader LF, Slott VL, et al. 1992. Endpoints of spermatotoxicity in the rat after short duration exposures to fourteen reproductive toxicants. *Reprod Toxicol* 6:491-505.
- *Lindhe O, Lund B, Bergman A, et al. 2001. Irreversible binding and adrenocorticolytic activity of the DDT metabolite 3-methylsulfonyl-DDE examined in tissue-slice culture. *Environ Health Perspect* 109(2):105-110.

9. REFERENCES

- *Livingston, AL. 1978. Forage plant estrogens. *J Toxicol Environ Health* 4:301.
- *Locke LN, Chura NJ, Stewart PA. 1966. Spermatogenesis in bald eagles experimentally fed a diet containing DDT. *The Condor* 68:497-502.
- Lodi G, Betti A, Kahie YD, et al. 1991. Multiple-development high-performance thin-layer chromatography of organochlorine pesticides. *J Chromatogr* 545:214-218.
- *Loeffler IK, Peterson RE. 1999. Interactive effects of TCDD and p,p'-DDE on male reproductive tract development in *in utero* and lactationally exposed rats. *Toxicol Appl Pharmacol* 154:28-39.
- Long AR, Crouch MD, Barker SA. 1991a. Multiresidue matrix solid phase dispersion (MSPD) extraction and gas chromatographic screening of nine chlorinated pesticides in catfish (*Ictalurus punctatus*) muscle tissue. *J Assoc Off Anal Chem* 74(4):667-670.
- *Long AR, Soliman MM, Barker SA. 1991b. Matrix solid phase dispersion (MSPD) extraction and gas chromatographic screening of nine chlorinated pesticides in beef fat. *J Assoc Off Anal Chem* 74(3):493-496.
- Long ER, MacDonald DD, Smith SL, et al. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. *Environ Manag* 19:81-97.
- *Longcore JR, Samson FB, Whittendale TW. 1971. DDE thins eggshells and lowers reproductive success of captive black ducks. *Bull Environ Contam Toxicol* 6(6):485-490.
- Longnecker MP, Rogan WJ. 2001. Persistent organic pollutants in children. *Pediatr Res* 50(3):322-323.
- Longnecker MP, Klebanoff MA, Brock JA, et al. 2000. DDE is associated with increased risk of preterm delivery and small-for-gestational-age birthweight in humans. *Organohalogen Compounds* 48:161-162.
- Longnecker MP, Klebanoff MA, Brock JWZ H, et al. 2001. Maternal serum level of DDE and risk of cryptorchidism, hypospadias, and polythelia among male offspring [Abstract]. *Am J Epidemiol* 153(11):S267.
- Longnecker MP, Klebanoff MA, Gladen BC, et al. 1999. Serial levels of serum organochlorines during pregnancy and postpartum. *Arch Environ Health* 54(2):110-114.
- *Longnecker MP, Klebanoff MA, Zhou H, et al.. 2001. Association between maternal serum concentration of the DDT metabolite DDE and preterm and small-for-gestational-age babies at birth. *Lancet* 358:110-114.
- *Loomis AK, Thomas P. 1999. Binding characteristics of estrogen receptor (ER) in Atlantic croaker (*Micropogonias undulatus*) testis: different affinity for estrogens and xenobiotics from that of hepatic ER. *Biol Reprod* 61:51-60.
- *Looser R, Froescheis O, Cailliet GM, et al. 2000. The deep-sea as a final global sink of semivolatile persistent organic pollutants? Part II: organochlorine pesticides in surface and deep-sea dwelling fish of the North and South Atlantic and the Monterey Bay Canyon (California). *Chemosphere* 40:661-670.
- Lopez-Avila V, Benedicto J, Baldin E, et al. 1992. Analysis of classes of compounds of environmental concern: III. Organochlorine pesticides. *J High Resolut Chromatogr* 15:319-328.

9. REFERENCES

- *Lopez-Carrillo L, Blair A, Lopez-Cervantes M, et al. 1997. Dichlorodiphenyltrichloroethane serum levels and breast cancer risk: A case-control study from Mexico. *Cancer Res* 57:3728-3732.
- López-Carrillo L, Torres-Sánchez L, López-Cervantes M, et al. 1999. The adipose tissue to serum dichlorodiphenyldichloroethane (DDE) ratio: Some methodological considerations. *Environmental Research (Section A)* 81:142-145.
- *Lordo RA, Dinh KT, Schwemberger JG. 1996. Semivolatile organic compounds in adipose tissue: Estimated averages for the US population and selected subpopulations. *Am J Public Health* 86(9):1253-1259.
- *Lott HM, Barker SA. 1993. Matrix solid-phase dispersion extraction and gas chromatographic screening of 14 chlorinated pesticides in oysters (*Crassostrea virginica*). *J Assoc Off Anal Chem Int* 76(1):67-72.
- *Lu F, Dourson M. 1992. Safety/risk assessment of pesticides: Principles, procedures and examples. *Toxicol Lett* 64/65:783-787.
- *Lu F, Jessup D, Lavalley A. 1965. Toxicity of pesticides in young versus adult rats. *Food Cosmet Toxicol* 3:591-596.
- *Luckens MM, Davis WH. 1964. Bats: Sensitivity to DDT. *Science* 145:948.
- *Lund B-O, Lund J. 1995. Novel involvement of a mitochondrial steroid hydroxylase (P450c11) in xenobiotic metabolism. *J Biol Chem* 270(36):20895-20897.
- *Lund B-O, Bergman A, Brandt I. 1988. Metabolic activation and toxicity of a DDT-metabolite, 3-methylsulphonyl-DDE, in the adrenal *zona fasciculata* in mice. *Chem Biol Interact* 65:25-40.
- Lund B-O, Klasson-Wehler E, Brandt I. 1986. *o,p'*-DDT in the mouse lung: Selected uptake, covalent binding and effect on drug metabolism. *Chem Biol Interact* 60:129-141.
- *Lundberg C. 1973. Effects of long-term exposure to DDT on the oestrus cycle and the frequency of implanted ova in the mouse. *Environ Physiol Biochem* 3:127-131.
- *Lundberg C. 1974. Effect of DDT on cytochrome P-450 and oestrogen-dependent functions in mice. *Environ Physiol Biochem* 4:200-204.
- *Lundberg C, Kihlstrom J. 1973. DDT and the frequency of implanted ova in the mouse. *Bull Environ Contam Toxicol* 9(5):267-270.
- Lundholm CE. 1991. Influence of chlorinated hydrocarbons, mercury and methylmercury on steroid hormone receptors from eggshell gland mucosa of domestic fowls and ducks. *Arch Toxicol* 65(3):220-227.
- *Lundholm CE. 1997. DDE-induced eggshell thinning in birds: Effects of *p,p'*-DDE on the calcium and prostaglandin metabolism of the eggshell gland. *Comp Biochem Physiol* 118C(2):113-128.
- Lundholm CE, Bartonek M. 1991. A study of the effects of *p,p'*-DDE and other related chlorinated hydrocarbons on inhibition of platelet aggregation. *Arch Toxicol* 65(7):570-574.

9. REFERENCES

- *Lustick S, Voss T, Peterle TJ. 1972. Effects of DDT on steroid metabolism and energetics in bobwhite quail (*Colinus virginianus*). In: Morrison JA, Lewis JC, eds. proceedings of the first national bobwhite quail symposium. Stillwater, Oklahoma: Oklahoma State University, Research Foundation, 213-233.
- Machala M, Vondracek J, Ulrich R, et al. 1999. Evidence for estrogenic and TCDD-like activities in extracts of blood and semen of men. *Organohalogen Compounds* 42:83-86.
- *MacIntosh DL, Hammerstrom K, Ryan PB. 1999. Longitudinal exposure to selected pesticides in drinking water. *Hum Ecol Risk Assess* 5(3):575-588.
- MacIntosh DL, Kabiru CW, Ryan PB. 2001. Longitudinal investigation of dietary exposure to selected pesticides. *Environ Health Perspect* 109(2):145-150.
- MacIntosh DL, Spengler JD, Ozkaynak H, et al. 1996. Dietary exposures to selected metals and pesticides. *Environ Health Perspect* 104(2):202-209.
- MacLusky NJ, Brown TJ, Schantz S, et al. 1998. Hormonal interactions in the effects of halogenated aromatic hydrocarbons on the developing brain. In: Colborn T, vom Saal F, Short P, eds. *Advances in modern environmental toxicology*. Princeton, NJ: Princeton Scientific Publishing Co., Inc., 219-246.
- Maestroni BM, Skerritt JH, Ferris IG, et al. 2001. Analysis of DDT residues in soil by ELISA: An international interlaboratory study. *J AOAC Int* 84(1):134-142.
- Magnussen I. 1985. *p,p'*-DDT-induced myoclonus in mice: The effect of enhanced 5-HT neurotransmission. *Acta Pharmacol Toxicol* 56:87-90.
- *Mahoney JJ. 1975. DDT and DDE effects on migratory condition in white-throated sparrows. *J Wildl Manage* 39(3):520-527.
- *Mahr U, Miltenburger H. 1976. The effect of insecticides on Chinese hamster cell cultures. *Mutat Res* 40:107-118.
- Maliwal BP, Guthrie FE. 1981. Interactions of insecticides with human plasma lipoproteins. *Chem Biol Interact* 35:177-188.
- Maliwal BP, Guthrie FE. 1982. In vitro uptake and transfer of chlorinated hydrocarbons among human lipoproteins. *J Lipid Res* 23:474-479.
- *Maness S, McDonnell D, Gaido K. 1998. Inhibition of androgen receptor-dependent transcriptional activity by DDT isomers and methoxychlor in HepG2 human hepatoma cells. *Toxicol Appl Pharmacol* 151:135-142.
- Mangani F, Maione M, Palma P. 2000. Analysis of organochlorinated pesticides in water. In: Nollet LML, ed. *Handbook of water analysis*. New York, NY: Marcel Dekker, Inc., 517-536.
- Manigold D, Schulze J. 1969. Pesticides in selected western streams: A progress report. *Pestic Monit J* 3(2):124-135.
- Marei A, Quirke J, Rinaldi G, et al. 1978. The environmental fate of DDT. *Chemosphere* 12:993-998.

9. REFERENCES

- *Marien K, Laflamme D. 1995. Determination of a tolerable daily intake of DDT for consumers of DDT contaminated fish from the lower Yakima River, Washington. *Risk Anal* 15(6):709-717.
- *Martz F, Straw JA. 1980. Metabolism and covalent binding of 1-(*o*-chlorophenyl)-1-(*p*-chlorophenyl)-2,2-dichloroethane (*o,p'*-DDD): Correlation between adrenocorticolytic activity and metabolic activation by adrenocortical mitochondria. *Drug Metab Dispos* 8(3):127-130.
- Maruyama S, Fujimoto N, Ito A. 1999. Growth stimulation of a rat pituitary cell line MtT/E-2 by environmental estrogens *in vitro* and *in vivo*. *Endocr J (Tokyo)* 46(4):513-520.
- *Maslansky C, Williams G. 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* 8:121-130.
- Masse R, Martineau D, Tremblay L, et al. 1986. Concentrations and chromatographic profile of DDT metabolites and polychlorobiphenyl (PCB) residues in stranded Beluga whales (*Delphinapterus leucas*) from the St. Lawrence Estuary, Canada. *Arch Environ Contam Toxicol* 15:567-579.
- *Masters PM, Inman DL. 2000. Transport and fate of organochlorines discharged to the salt marsh at upper Newport Bay, California, USA. *Environ Toxicol Chem* 19:2076-2084
- Matin M, Nigar F. 1979. A study of the effects of certain barbiturates on the level of striatal acetylcholine and convulsions in 1,1,1-trichloro-2,2-bis(4'-chlorophenyl)ethane (*p,p'*-DDT) treated rats. *Pharmacol Res Commun* 11:371-377.
- *Matin M, Jaffery F, Siddiqui R. 1981. A possible neurochemical basis of the central stimulatory effects of *p,p'*-DDT. *J Neurochem* 36(3):1000-1005.
- *Matsumura F, ed. 1985. *Toxicology of insecticides*. New York, NY: Plenum Press.
- *Matsumura F, Patil KC. 1969. Adenosine triphosphatase sensitive to DDT in synapses in rat brain. *Science* 166:121-122.
- *Matter JM, McMurry CS, Anthony AB, et al. 1998. Development and implementation of endocrine biomarkers of exposure and effects in American alligators (*Alligator mississippiensis*). *Chemosphere* 37:1905-1914.
- *Mattson A, Spillane J, Baker C, et al. 1953. Determination of DDT and related substances in human fat. *Anal Chem* 25(7):1065.
- *Matuo YK, Mamede MV, Clapis MJ, et al. 2000. Níveis de DDT no soro sanguíneo de mulheres e risco de câncer de mama na região de Ribeirão Preto, Brasil. *Rev Bras Toxicol* 13(2):5-15.
- *Mayr U, Butsch A and Schneider S. 1992. Validation of two *in vitro* test systems for estrogenic activities with zearalenone, phytoestrogens and cereal extracts. *Toxicology* 74:135-149.
- Mazhitova Z, Jensen S, Ritzen M, et al. 1998. Chlorinated contaminants, growth and thyroid function in schoolchildren from the Aral Sea region in Kazakhstan. *Acta Paediatr* 87:991-995.
- *McCann J, Choi E, Yamasaki E, et al. 1975. Detection of carcinogens as mutagens in the *Salmonella* microsome test: Assay of 300 chemicals. *Proc Natl Acad Sci* 72(12):5135-5139.

9. REFERENCES

- *McConnell L, Bidleman T, Cotham W, et al. 1998. Air concentrations of organochlorine insecticides and polychlorinated biphenyls over Green Bay, WI, and the four lower Great Lakes. *Environ Pollut* 101:391-399.
- *McDougal A, Safe S. 1998. Induction of 16α - 2 -hydroxyestrone metabolite ratios in MCM-7 cells by pesticides, carcinogens, and antiestrogens does not predict mammary carcinogens. *Environ Health Perspect* 104(4):203-206.
- *McKinney J, Moore L, Prokopetz A, et al. 1984. Validated extraction and cleanup procedures for polychlorinated biphenyls and DDE in human body fluids and infant formula. *J Assoc Off Anal Chem* 67(1):122.
- McLachlan JA, Arnold SF. 1996. Environmental estrogens: Found internally, certain compounds are important biological signals; found in the environment they can become just so much noise. *Am Sci* 84:452-461.
- McLachlan JA, Dixon RL. 1972. Gonadal function in mice exposed prenatally to *p,p'*-DDT. *Toxicol Appl Pharmacol* 22:327-331.
- McLachlan JA, Newbold RR, Teng CT, et al. 1998. Environmental estrogens: Orphan receptors and genetic imprinting. *J Clean Technol Environ Toxicol Occup Med* 7(2):221-226.
- *McMahon B, Burke J. 1978. Analytical behavior data for chemicals determined using AOAC multiresidue methodology for pesticide residues in foods. *J Assoc Off Anal Chem* 61(3):640-652.
- Mehendale H. 1978. Pesticide-induced modification of hepatobiliary function: Hexachlorobenzene, DDT and toxaphene. *Food Cosmet Toxicol* 16:19-25.
- *Meister R, Sine C. 1999. *Farm Chemicals Handbook*. Willoughby, OH: Meister Publication Company, C123-C124.
- Mendel J, Walton M. 1966. Conversion of *p,p'*-DDT to *p,p'*-DDD by intestinal flora of the rat. *Science* 151:1527-1528.
- *Mendenhall VM, Klaas EE, McLane MAR. 1983. Breeding success of barn owls (*Tyto alba*) fed low levels of DDE and dieldrin. *Arch Environ Contam Toxicol* 12:235-240.
- *Mendonca GAS, Eluf-Neto J, Andrada-Serpa MJ, et al. 1999. Organochlorines and breast cancer: A case-control study in Brazil. *Int J Cancer* 83:596-600.
- Menzer RE. 1991. Water and soil pollutants. In: Amdur M, Doull J, Klaassen C, eds. *Casarett and Doull's toxicology: The basic science of poisons*. 4th ed. New York, NY: Pergamon Press, 872-902.
- *Menzie C. 1980. Reaction types in the environment. In: Hutzinger O, ed. *Reactions and processes*. New York, NY: Springer-Verlag Berlin Heidelberg, 247-302.
- *Menzie CA, Burmaster DE, Freshman JS, et al. 1992. Assessment of methods for estimating ecological risk in the terrestrial component: A case study at the Baird and McGuire Superfund site in Holbrook, Massachusetts. *Environ Toxicol Chem* 11(2):245-260.

9. REFERENCES

- *Mes J, Malcolm S. 1992. Comparison of chlorinated hydrocarbon residues in human populations from the Great Lakes and other regions of Canada. *Chemosphere* 25(3):417-424.
- *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. Specific polychlorinated biphenyl congener distribution in adipose tissue of Canadians. *Environ Technol* 11:747-756.
- *Metcalf RL. 1995. Insect Control Technology. In: Kroschwitz J, Howe-Grant M, eds. *Kirk-Othmer encyclopedia of chemical technology*. Volume 14. New York, NY: John Wiley and Sons, Inc., 524-602.
- *Metcalf R, Booth G, Schuth C, et al. 1973a. Uptake and fate of di-2-ethylhexyl phthalate in aquatic organisms and in a model ecosystem. *Environ Health Perspect* 4:27-34.
- *Metcalf RL, Kapoor IP, Lu P-O, et al. 1973b. Model ecosystem studies of the environmental fate of six organochlorine pesticides. *Environ Health Perspect* 4:35-44.
- *Metcalf PJ. 1989. Organolead compounds in the atmosphere. *Analyt Proc* 26:134-136.
- *Meylan WM, Howard PH. 1993. Computer estimation of the atmospheric gas-phase reaction rate of organic compounds with hydroxyl radicals and ozone. *Chemosphere* 26(2):2293-2299.
- *Meylan W, Howard P, Boethling R. 1992. Molecular topology/fragment contribution method for predicting soil sorption coefficients. *Environ Sci Technol* 26(8):1560-1567.
- *Miller DS, Kinter WB, Peakall DB, et al. 1976. DDE feeding and plasma osmoregulation in ducks, guillemots, and puffins. *Am J Physiol* 231(1):370-376.
- *Miller G, Zepp R. 1979. Photoreactivity of aquatic pollutants sorbed on suspended sediments. *Environ Sci Toxicol* 13(7):860-863.
- *Miller M. 1994. Organochlorine concentration dynamics in Lake Michigan Chinook Salmon (*Oncorhynchus tshawytscha*). *Arch Environ Contam Toxicol* 27:367-374.
- Miller M, Alexander M. 1991. Kinetics of bacterial degradation of benzylamine in a montmorillonite suspension. *Environ Sci Technol* 25(2):240-245.
- *Millet M, Wortham H, Sanusi A, et al. 1997. Atmospheric contamination by pesticides: Determination in the liquid, gaseous and particulate phases. *Environ Sci Pollut Res* 4(3):172-180.
- *Minelli E, Ribeiro M. 1996. DDT and HCH residues in the blood serum of Malaria control sprayers. *Bull Environ Contam Toxicol* 57:691-696.
- *Minyard JP, Roberts WE. 1991. Chemical contaminants monitoring: State findings on pesticide residues in foods—1988 and 1989. *J Assoc Off Anal Chem* 74(3):438-452.
- Mitjavila S, Carrera G, Boigegrain R-A, et al. 1981a. I. Evaluation of the toxic risk of DDT in the rat: During accumulation. *Arch Environ Contam Toxicol* 10:459-469.

9. REFERENCES

- Mitjavila S, Carrera G, Fernandez Y. 1981b. II. Evaluation of the toxic risk of accumulated DDT in the rat: During fat mobilization. *Arch Environ Contam Toxicol* 10:471-481.
- *Mohammed A, Eklund A, Ostlund-Lindqvist AM, et al. 1990. Distribution of toxaphene, DDT, and PCB among lipoprotein fractions in rat and human plasma. *Arch Toxicol* 64:567-571.
- *Monosmith CL, Hermanson MH. 1996. Spatial and temporal trends of atmospheric organochlorine vapors in the central and upper Great Lakes. *Environ Sci Technol* 30:3464-3472.
- *Moody RP, Chu I. 1995. Dermal exposure to environmental contaminants in the Great Lakes. *Environ Health Perspect Suppl* 103(9):103-114.
- Moody RP, Nadeau B, Chu I. 1994. *In vitro* dermal absorption of pesticides: VI. *In vivo* and *in vitro* comparison of the organochlorine insecticide DDT in rat, guinea pig, pig, human and tissue-cultured skin. *Toxicol in Vitro* 8(6):1225-1232.
- Moore ML, Butcher MK, Connor K, et al. 1999. Fingerprinting analysis of PCDD/PCDF sources in a surface water outfall near a petroleum refinery. *Organohalogen Compounds* 40:219-220.
- *Morello A. 1965. Induction of DDT-metabolizing enzymes in microsomes of rat liver after administration of DDT. *Can J Biochem* 43:1289-1293
- Moreno AJ, Madeira VM. 1991. Mitochondrial bioenergetics as affected by DDT. *Biochim Biophys Acta* 1060(2):166-174.
- *Morgan D, Lin L. 1978. Blood organochlorine pesticide concentrations, clinical hematology and biochemistry in workers occupationally exposed to pesticides. *Arch Environ Contam Toxicol* 7:423-447.
- *Morgan D, Roan C. 1971. Absorption, storage and metabolic conversion of ingested DDT and DDT metabolites in man. *Arch Environ Health* 22:301.
- *Morgan D, Roan C. 1974. The metabolism of DDT in man. In: Hayes W, Jr, ed. *Essays in toxicology*. New York, NY: Academic Press, 39-97.
- *Morgan D, Lin L, Saikaly H. 1980. Morbidity and mortality in workers occupationally exposed to pesticides. *Arch Environ Contam Toxicol* 9:349.
- *Morgan D, Roan C, Paschal E. 1972. Transport of DDT, DDE, and dieldrin in human blood. *Bull Environ Contam Toxicol* 8(6):321-326.
- *Morimoto S. 1996. Alteration of intercellular communication in a human urothelial carcinoma cell-line by tumor-promoting agents. *Int J Urol* 3:212-217.
- Morio Y, Imanishi T, Nishimura M, et al. 1987. Characteristics of neuronal effects of DDT and dieldrin in mice. *Jpn J Vet Sci* 49:1039-1044.
- Morozova O, Riboli E, Turusov V. 1997. Estrogenic effect of DDT in CBA female mice. *Exp Toxicol Pathol* 49:483-485.
- *Morrison DE, Robertson BK, Alexander M. 1999. Written communication to Mario Citra, Syracuse Research Corporation. Possible use of a solid-phase extractant to predict availability of DDT, DDE,

9. REFERENCES

- DDD, and dieldrin in soil to *Eisenia foetida*. Ithaca, NY: Institute for Comparative and Environmental Toxicology and Department of Soil, Crop, and Atmospheric Sciences, Cornell University.
- *Morselli PL, Franco-Morselli R, Bossi L. 1980. Clinical pharmacokinetics in newborns and infants: Age-related differences and the therapeutic implications. *Clin Pharmacokin* 5:485-527.
- *Mosselman S, Polman J, Dijkema R. 1996. ER- β : identification and characterization of a novel human estrogen receptor. *FEBS Lett* 392:49-53.
- *Moysich KB, Ambrosone CB, Mendola P, et al. 2002. Exposures associated with serum organochlorine levels among postmenopausal women from western New York State. *Am J Ind Med* 41:102-110.
- *Moysich K, Ambrosone C, Vena J, et al. 1998. Environmental organochlorine exposure and postmenopausal breast cancer risk. *Cancer Epidemiol Biomarkers Prev* 7:181-188.
- *Mühlebach S, Moor MJ, Wyss PA, et al. 1991. Kinetics of distribution and elimination of DDE in rats. *Xenobiotica* 21(1):111-120.
- *Mühlebach S, Wyss P, Bickel M. 1985. Comparative adipose tissue kinetics of thiopental, DDE and 2,4,5,2',4',5'-hexachlorobiphenyl in the rat. *Xenobiotica* 15(6):485-491.
- *Muir D, Grift N, Lockhart W, et al. 1995. Special trends and historical profiles of organochlorine pesticides in arctic lake sediments. *Sci Total Environ* 160:447-457.
- *Muir DCG, Nordstrom RJ, Simon M. 1988. Organochlorine contaminants in arctic marine food chains: Accumulation of specific polychlorinated biphenyls and chlordane-related compounds. *Environ Sci Technol* 22:1071-1079.
- *Mukherjee I, Gopal M. 1996. Chromatographic techniques in the analysis of organochlorine pesticide residues. *J Chromatogr A* 754:33-42.
- *Mulhens K. 1946. [The importance of bis(chlorophenyl) (trischloromethyl)-methane preparations as insecticides in combating infectious diseases]. *Dtsch Med Wochenschr* 71:164-169 (German).
- *Murphy R, Harvey C. 1985. Residues and metabolites of selected persistent halogenated hydrocarbons in blood specimens from a general population survey. *Environ Health Perspect* 60:115-120.
- *Mussalo-Rauhamaa H. 1991. Partitioning and levels of neutral organochlorine compounds in human serum, blood cells, and adipose and liver tissue. *Sci Total Environ* 103:159-175.
- *Mussalo-Rauhamaa H, Hasanen E, Pyysalo H, et al. 1990. Occurrence of beta-hexachlorocyclohexane in breast cancer patients. *Cancer* 66(10):2124-2128.
- Myers JP. 2001. Endocrine disruptors: Lessons from new research [Abstract]. *Neurotoxicology* 22:131.
- Myers RA, Stella VJ. 1992. Factors affecting the lymphatic transport of penclomedine (NSC-338720), a lipophilic cytotoxic drug: Comparison to DDT and hexachlorobenzene. *Int J Pharm* 80:51-62.
- *Nachman G, Freal J, Barquet A, et al. 1972. A simplified method for analysis of DDT and DDE in blood for epidemiologic purposes. In: Davies J, Edmundson, W, eds. *Epidemiology of DDT*. Mount Kisco, NY: Futura Publishing Company, Inc., 133-139.

9. REFERENCES

- Naevsted R. 1947. [Poisoning with DDT powder and some other incidence of poisoning.] *Tidsskr Norske Laegeforen* 67:261-263. (Norwegian)
- Nagayama J, Fukushige J, Iida T, et al. 2000a. Developmental condition in 10-month-old Japanese infants perinatally exposed to organochlorine pesticides, PCBs and dioxins. *Organohalogen Compounds* 48:244-247.
- Nagayama J, Fukushige J, Iida T, et al. 2000b. Effects of exposure to organochlorine pesticides, PCBs and dioxins through human milk on total development in 10-month-old Japanese infants. *Organohalogen Compounds* 48:240-243.
- Nagayama J, Iida T, Nakagawa R, et al. 2000c. Condition of thyroid hormone system in 10-month-old Japanese infants perinatally exposed to organochlorine pesticides, PCBs and dioxins. *Organohalogen Compounds* 48:236-239.
- Nagayama J, Tsuji H, Iida T, et al. 2000d. Condition of helper and suppressor T lymphocyte subpopulations in 10-month-old Japanese infants perinatally exposed to organochlorine pesticides, PCBs and dioxins. *Organohalogen Compounds* 49:87-90.
- *Nair A, Pillai MK. 1992. Trends in ambient levels of DDT and HCH residues in humans and the environment of Delhi, India. *Sci Total Environ* 121:145-157.
- Nair A, Samuel T, Pillai MKK. 1992. Behaviour of DDT in three soils exposed to solar radiations under different conditions. *Pestic Sci* 34:333-340.
- *Naishtein S, Leibovich D. 1971. Effect of small doses of DDT and lindane and their mixture on sexual function and embryogenesis in rats. *Hygiene and Sanitation* 36:190-194.
- *Nanni O, Falcini F, Buiatti E, et al. 1998. Multiple myeloma and work in agriculture: Results of a case-control study in Forli, Italy. *Cancer Causes Control* 9:277-283.
- Narahashi T. 1992. Nerve membrane Na⁺ channels as targets of insecticides. *Trends Pharmacol Sci* 13:236-241.
- *Narahashi T, Haas H. 1967. DDT: Interaction with nerve membrane conductance changes. *Science* 157:1438-1440.
- Narahashi T, Aistrup GL, Ikeda T, et al. 1999. Ion channels as targets for insecticides: Past, present, and future. In: Beadle DJ, ed. *Progress in neuropharmacology and neurotoxicology of pesticides and drugs*. Cambridge: Royal Society of Chemistry, 21-33.
- *Narayan S, Bajpai A, Chauhan S, et al. 1985a. Lipid peroxidation in lung and liver of rats given DDT and endosulfan intratracheally. *Bull Environ Contam Toxicol* 34:63-67.
- *Narayan S, Bajpai A, Tyagi S, et al. 1985b. Effect of intratracheal administration of DDT and endosulfan on cytochrome P-450 and glutathione-s-transferase in lung and liver of rats. *Bull Environ Contam Toxicol* 34:55-62.
- NAS. 1977. National Academy of Sciences. *Drinking water and health*. Washington, DC: National Academy Press.

9. REFERENCES

- *NAS/NRC. 1989. Biologic markers in reproductive toxicology. National Academy of Sciences National Research Council. Washington, DC: National Academy Press, 15-35.
- *Nash R, Beall L. 1970. Chlorinated hydrocarbon insecticides: Root uptake versus vapor contamination of soybean foliage. *Science* 168:1109-1111.
- NATICH. 1992. Data base report on state, local, and EPA air toxics activities. National Air Toxics Information Clearinghouse. Washington, DC: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. March 13, 1992.
- *NCI. 1978. National Cancer Institute. Bioassays of DDT, TDE, and *p,p'*-DDE for possible carcinogenicity. CAS No. 50-29-3, 72-54-8, 72-55-9 NCI-CG-TR-131.
- *Neal P, Von Oettingen W, Smith W, et al. 1944. Toxicity and potential dangers of aerosols, mists, and dusting powders containing DDT. *Public Health Rep* 117:1-32.
- *Neidert E and Saschenbrecker PW. 1996. Occurrence of pesticide residues in selected agricultural food commodities available in Canada. *J Assoc Off Anal Chem Int* 79(2):549-566.
- *Nelson A, Woodard G. 1949. Severe adrenal cortical atrophy (cytotoxic) and hepatic damage produced in dogs by feeding 2,2-bis(parachlorophenyl)-1,1-dichloroethane (DDD or TDE). *Arch Pathol* 48:387-394.
- *Nelson JA. 1974. Effects of dichlorodiphenyltrichloroethane (DDT) analogues and polychlorinated biphenyl (PCB) mixture on 17β -[^3H] estradiol binding to rat uterine receptor. *Biochem Pharm* 23:447-451.
- *Newsome WH, Davies D, Doucet J. 1995. PCB and organochlorine pesticides in Canadian human milk - 1992. *Chemosphere* 30(11):2143-2153.
- *Nhachi CFB, Kasilo O. 1990. Occupational exposure to DDT among mosquito control sprayers. *Bull Environ Contam Toxicol* 45:189-192.
- *Nhachi CFB, Loewenson R. 1989. Comparison study of the sensitivities of some indices of DDT exposure in human blood and urine. *Bull Environ Contam Toxicol* 43:493-498.
- Nichols WK, Covington MO, Seiders CD, et al. 1992. Bioactivation of halogenated hydrocarbons by rabbit pulmonary cells. *Pharmacol Toxicol* 71:335-339.
- *Nigam S, Kashyap S, Kumar A, et al. 1977. Effect of technical grade DDT on neonatal mice. *Indian J Med Res* 65(4):576-578.
- *Nigg H, Metcalf R, Kapoor I. 1974. DDT and selected analogues as microsomal oxidase inducers in the mouse. *Arch Environ Contam* 3:426-436.
- *Nims R, Lubet R, Fox S, et al. 1998. Comparative pharmacodynamics of CYP2B induction by DDT, DDE, and DDD in male rat liver and cultured rat hepatocytes. *J Toxicol Environ Health Part A* 53:455-477.

9. REFERENCES

- *NIOSH. 1977. NIOSH manual of analytical methods. 2nd ed. Vol 3. Washington, DC: U.S. Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, S274-1 - S274-7.
- NIOSH. 1992. NIOSH pocket guide to chemicals hazards. Washington, DC: U.S. Department of Health and Human Service, Center for Disease Control, National Institute for Occupational Safety and Health, Division of Standard Development and Technology Transfer.
- NIOSH. 1999. Pocket guide to chemical hazards. Washington DC: National Institute for Occupational Safety and Health, U.S. Department of Health and Human Services, 88-89
- *NIOSH. 2002. DDT. NIOSH pocket guide to chemical hazards. National Institute for Occupational Safety and Health. <http://www.cdc.gov/niosh/npg/npgd0174.html>. January 02, 2002.
- Nishihara T, Nishikawa J, Kanayama T, et al. 2000. Estrogenic activities of 517 chemicals by yeast two-hybrid assay. *J Health Sci* 46(4):282-298.
- Nishimura H, Tanimura T, Mizutani T, et al. 1977. Levels of polychlorinated biphenyls and organochlorine insecticides in human embryos and fetuses. *Pediatrician* 6:45-57.
- *Nishizumi M. 1979. Effect of phenobarbital, dichlorodiphenyltrichloroethane, and polychlorinated biphenyls on diethylnitrosamine-induced hepatocarcinogenesis. *Gann* 70:835-837.
- *NOAA. 1988. PCB and chlorinated pesticide contamination in U.S. fish and shellfish: A historical assessment report. Rockville, MD: National Oceanic and Atmospheric Administration, Office of Oceanography and Marine Assessment. PB91172742.
- *Noguchi T, Charman W, Stella V. 1985. Lymphatic appearance of DDT in thoracic or mesenteric lymph duct cannulated rats. *Int J Pharm* 24:185-192.
- *Norén K. 1988. Changes in the levels of organochlorine pesticides, polychlorinated biphenyls, dibenzop-dioxins and dibenzofurans in human milk from Stockholm, 1972-1985. *Chemosphere* 17(1):39-49.
- *Norén K. 1993. Contemporary and retrospective investigations of human milk in the trend studies of organochlorine contaminants in Sweden. *Sci Total Environ* 139/140:347-355
- *Norén K, Meironyté D. 2000. Certain organochlorine and organobromine contaminants in Swedish human milk in perspective of past 20-30 years. *Chemosphere* 40:1111-1123.
- Norén K, Sjövall J. 1993. Liquid-gel partitioning and enrichment in the analysis of organochlorine contaminants. *J Chromatogr* 642:243-251.
- *Norén K, Lunden A, Pettersson E, et al. 1996. Methylsulfonyl metabolites of PCBs and DDE in human milk in Sweden, 1972-1992. *Environ Health Perspect* 104(7):766-772.
- *Norén K, Weistrand C, Karpe F. 1999. Distribution of PCB congeners, DDE, hexachlorobenzene, and methylsulfonyl metabolites of PCB and DDE among various fractions of human blood plasma. *Arch Environ Contam Toxicol* 37:408-414.
- Norpoth K, Heger M, Müller G, et al. 1986. Investigations on metabolism, genotoxic effects and carcinogenicity of 2,2'-dichlorodiethylether. *J Cancer Res Clin Oncol* 112:125-130.

9. REFERENCES

- *Norstrom RJ, Belikov SE, Born EW, et al. 1998. Chlorinated hydrocarbon contaminants in polar bears from eastern Russia, North America, Greenland, and Svalbard: Biomonitoring of arctic pollution. *Arch Environ Contam Toxicol* 35:354-367.
- *NRC. 1993. Pesticides in the diets of infants and children. Washington, DC: National Research Council. National Academy Press.
- *NRC. 1991. Animals as Sentinels of Environmental Health Hazards. Washington, DC: National Research Council. National Academy Press.
- *NRC. 1999. Hormonally active agents in the environment. National Research Council. Washington, DC: National Academy Press.
- NREPC. 1986. Natural Resources and Environmental Protection Cabinet. Department for Environmental Protection, Division of Pollution. Kentucky. 401 KAR 63:022.
- *NTP. 1999. National Toxicology Program Report on Carcinogens. Substances reasonably anticipated to be human carcinogens: Names and synonyms of carcinogens. National Toxicology Program. http://ntpserver.niehs.nih.gov/NewHomeRoc/RAHC_list.html
- *NTP. 2002. DDT. Eighth report on carcinogens. National Toxicology Program. http://ntp-server.niehs.nih.gov/htdocs/8_RoC/RAC/DDT.html. January 03, 2002.
- *Numoto S, Tanaka T, Williams G. 1985. Morphologic and cytochemical properties of mouse liver neoplasms induced by diethylnitrosamine and promoted by 4,4'-dichlorodiphenyltrichloroethane, chlordane, or heptachlor. *Toxicol Pathol* 13(4):325-334.
- O'Connor R. 1984. Degradation of DDT in lake sediments [Abstract]. *Diss Abstr Int* 44(9):2772-B.
- *Odsjo T, Bignert A, Olsson M, et al. 1997. The Swedish Environmental Specimen Bank-application in trend monitoring of mercury and some organohalogenated compounds. *Chemosphere* 34(9/10):2059-2066.
- Ohmiya Y, Nakai K. 1977. Effect of starvation on excretion, distribution and metabolism of DDT in mice. *Tohoku J Exp Med* 122:143-153.
- Ohta Y, Sahashi D, Sasaki E, et al. 1999. Alleviation of carbon tetrachloride-induced chronic liver injury and related dysfunction by L-tryptophan in rats. *Ann Clin Biochem* 36:504-510.
- *Okey A, Page D. 1974. Acute toxicity of *o,p'*-DDT to mice. *Bull Environ Contam Toxicol* 11(4):359-363.
- *O'Leary J, Davies J, Edmundson W, et al. 1970a. Correlation of prematurity and DDE levels in fetal whole blood. *Am J Obstet Gynecol* 106(6):939.
- O'Leary J, Davies J, Feldman M. 1970b. Spontaneous abortion and human pesticide residues of DDT and DDE. *Am J Obstet Gynecol* 108:1291-1293.
- *Oliver B, Niimi A. 1985. Bioconcentration factors of some halogenated organics for rainbow trout: Limitations in their use for prediction of environmental residues. *Environ Sci Technol* 19:842-849.

9. REFERENCES

- *Opelanio L, Rack E, Blotcky A, et al. 1983. Determination of chlorinated pesticides in urine by molecular neutron activation analysis. *Anal Chem* 55:677-681.
- *Orberg J, Lundberg C. 1974. Some effects of DDT and PCB on the hormonal system in the male mouse. *Environ Physiol Biochem* 4:116-120.
- *Ortega P. 1956. DDT in the diet of the rat. *Public Health Monogr* 43:1-27.
- *Ortelee M. 1958. Study of men with prolonged intensive occupational exposure to DDT. *Am Med Assoc Arch Ind Health* 18:433-440.
- OSHA. 1987. Access to employee exposure and medical records. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.20.
- OSHA. 1988. Access to employee exposure and medical records. Occupational Safety and Health Administration. *Federal Register* 53(189):30163-30164.
- OSHA. 1989a. Toxic and hazardous substances. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000.
- OSHA. 1989b. Toxic and hazardous substances. Occupational Safety and Health Administration. *Federal Register* 54(12):2920-2960.
- OSHA. 1992. Toxic and hazardous substances. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000.
- OSHA. 1998a. U. S. Department of Labor. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000.
- OSHA. 1998b. U. S. Department of Labor. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1915.1000.
- OSHA. 1998c. U. S. Department of Labor. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1926.55.
- *OSHA. 2001a. Air contaminants—shipyards. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1915.1000. http://www.sha-slc.gov/OshStd_data/1915_1000.html. September 17, 2001.
- *OSHA. 2001b. Limits for air contaminants. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000. http://www.sha-slc.gov/OshStd_data/1910_1000_TABLE_Z.html. September 17, 2001.
- *OSHA. 2001c. Gases, vapors, fumes, dusts, and mists. Construction industry. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1926.55. <http://frwebgate.access.gpo.gov/cgi-bin/get-cfr.cgi?TITLE=29&PART=1926&SECTION=55&YEAR=2001&TYPE=TEXT>. September 18, 2001.
- Ostrea EM, Tan E, Hernandez E, et al. 1998. Exposure to environmental pollutants adversely affects fetal outcome. *Pediatr Res* 43(4):224A.

9. REFERENCES

- *OTA. 1990. Neurotoxicity, identifying and controlling poisons of the nervous system. Washington, DC: Office of Technology Assessment, U.S. Congress. OTA-BA-436. April 1990.
- *Ottar B. 1981. The transfer of airborne pollutants to the Arctic region. *Atmos Environ* 15:1439-1445
- *Ottoboni A. 1969. Effect of DDT on reproduction in the rat. *Toxicol Appl Pharmacol* 14:74-81.
- *Ottoboni A. 1972. Effect of DDT on the reproductive life-span in the female rat. *Toxicol Appl Pharmacol* 22:497-502.
- *Ottoboni A, Bissell G, Hexter A. 1977. Effects of DDT on reproduction in multiple generations of beagle dogs. *Arch Environ Contam Toxicol* 6:83-101.
- *Owen GM, Brozek J. 1966. Influence of age, sex, and nutrition on body composition during childhood and adolescence. In: Falkner F, ed. *Human development*. Philadelphia, PA: WB Saunders, 222-238.
- *Pace P, Taylor J, Suntharalingam S, et al. 1997. Human estrogen receptor β binds DNA in a manner similar to and dimerizes with estrogen receptor α . *J Biol Chem* 272(41):25832-25838.
- Palanza P, Morellini F, Parmigiani S, et al. 1999a. Prenatal exposure to endocrine disrupting chemicals: effects on behavioral development. *Neurosci Biobehav Rev* 23:1011-1027.
- *Palanza P, Parmigiani S, Liu H, et al. 1999b. Prenatal exposure to low doses of the estrogenic chemicals diethylstilbestrol and *p,p'*-DDT alters aggressive behavior of male and female house mice. *Pharmacol Biochem Behav* 64(4):665-672.
- *Palin KJ, Wilson CG, Davis SS, et al. 1982. The effects of oils on the lymphatic absorption of DDT. *J Pharm Pharmacol* 34:707-710.
- *Palmer BD, Palmer SK. 1995. Vitellogenin induction by xenobiotic estrogens in the red-eared turtle and African clawed frog. *Environ Health Perspect Suppl* 103(4):19-25.
- *Palmer K, Green S, Legator M. 1972. Cytogenetic effects of DDT and derivatives of DDT in a cultured mammalian cell line. *Toxicol Appl Pharmacol* 22:355-364.
- *Palmer K, Green S, Legator M. 1973. Dominant lethal study of *p,p'*-DDT in rats. *Food Cosmet Toxicol* 11:53-62.
- *Pardio V, Waliszewski S, Aguirre A, et al. 1998. DDT and its metabolites in human milk collected in Veracruz City and suburban areas (Mexico). *Bull Environ Contam Toxicol* 60:852-857.
- *Parkki M, Marniemi J, Vainio H. 1977. Long-term effects of single and combined doses of DDT and PCB on drug-metabolizing enzymes in rat liver. *J Toxicol Environ Health* 3:903-911.
- *Paschal EH, Roan CC, Morgan DP. 1974. Evidence of excretion of chlorinated hydrocarbon pesticides by the human liver. *Bull Environ Contam Toxicol* 12(5):547-554.
- *Pasha S. 1981. Changes in hepatic microsomal enzymes due to DDT, DDE and DDD feeding in CF-1 mice. *Indian J Med Res* 74:926-930.

9. REFERENCES

- Paulsen K, Adesso V, Porter J. 1973. Report on pilot study of effects of DDT on maternal behavior. *Bull Psychonomic Soc* 1(3):20-206.
- Payne J, Rajapakse N, Wilkins M, et al. 2000. Prediction and assessment of the effects of mixtures of four xenoestrogens. *Environ Health Perspect* 108(10):983-987.
- *PDR. 1999. Physicians Desk Reference. 53rd ed. Montvale, NJ: Medical Economics Company.
- *Peakall DB. 1967. Pesticide-induced enzyme breakdown of steroids in birds. *Nature* 216:505-506.
- *Peakall DB. 1969. Effect of DDT on calcium uptake and vitamin D metabolism in birds. *Nature* 224:1219-1220.
- *Peakall DB. 1970. *p,p'*-DDT: Effect on calcium metabolism and concentration of estriol in the blood. *Science* 168(931):592-594.
- *Peakall DB, Miller DS, Kinter WB. 1975. Blood calcium levels and the mechanism of DDE-induced eggshell thinning. *Environ Pollut* 9:289-294.
- *Pearce G, Mattson A, Hayes W. 1952. Examination of human fat for the presence of DDT. *Science* 116:254.
- Peaslee M, Goldman M, Milburn S. 1972. Effects of acute and chronic administration of DDT upon pituitary melanocyte-stimulating hormone (MSH) activity. *Comp Gen Pharmacol* 3:191-194.
- *Peraino C, Fry R, Staffeldt E, et al. 1975. Comparative enhancing effects of phenobarbital, amobarbital, diphenylhydantoin, and dichlorodiphenyltrichloroethane on 2-acetylaminofluorene-induced hepatic tumorigenesis in the rat. *Cancer Res* 35:2884-2890.
- *Pereira W, Domagalski J, Hostettler F, et al. 1996. Occurrence and accumulation of pesticides and organic contaminants in river sediment, water and clam tissues from the San Joaquin River and tributaries, California. *Environ Toxicol Chem* 15(2):172-180.
- *Persson B, Fredriksson M, Olsen K, et al. 1993. Some occupational exposures as risk factors for malignant lymphomas. *Cancer* 72(5):1773-1778.
- *Peterle TJ, Lustick SI, Nauman LE, et al. 1973. Some physiological effects of dietary DDT on mallard, bobwhite quail and rabbits. In: Kjerner I, Bjurholm P, ed. XIth International Congress of Game Biologists: Stockholm, September 3-7, 1973. Stockholm: National Swedish Environment Protection Board, 457-478.
- *Peterson J, Robison W. 1964. Metabolic products of *p,p'*-DDT in the rat. *Toxicol Appl Pharmacol* 6:321-327.
- *Peterson JR, Adams RS, Cutkomp LK. 1971. Soil properties influencing DDT bioactivity. *Soil Sci Am Proc* 35:73-59.
- Petersson DN, Tkalcevic GT, Koza-Taylor PH, et al. 1998. Identification of estrogen receptor β_2 , a functional variant of estrogen receptor β expressed in normal rat tissues. *Endocrinology* 139(3):1082-1092.

9. REFERENCES

- *Pettersson K, Grandien K, Kuiper G, et al. 1997. Mouse estrogen receptor β forms estrogen response element-binding heterodimers with estrogen receptor α . *Mol Endocrinol* 11:1486-1496.
- *Philips F, Gilman A. 1946. Studies on the pharmacology of DDT (2,2 bis-(parachlorophenyl)-1,1,1-trichloroethane). *J Pharmacol Exp Ther* 86:213-221.
- *Phillips DL, Pirkle JL, Burse VW, et al. 1989. Chlorinated hydrocarbon levels in human serum: Effects of fasting and feeding. *Arch Environ Contam Toxicol* 18:495-500.
- Pinowski J, Niewiadowska A, Juricová Z, et al. 1999. Chlorinated aromatic hydrocarbons in the brains and lipids of sparrows (*Passer domesticus* and *Passer montanus*) from rural and suburban areas near warsaw. *Bull Environ Contam Toxicol* 63:736-743.
- *Pinto J, Camien M, Dunn M. 1965. Metabolic fate of *p,p'*-DDT [1,1,1-trichloro-2,2-bis(*p*-chlorophenyl) ethane] in rats. *J Biol Chem* 240(5):2148-2154.
- *Pocock D, Vost A. 1974. DDT absorption and chylomicron transport in rat. *Lipids* 9(6):374-381.
- *Podreka S, Georges A, Maher B, et al. 1998. The environmental contaminant DDE fails to influence the outcome of sexual differentiation in the marine turtle *Chelonia mydas*. *Environ Health Perspect* 106(4):185-188.
- *Poissant L, Koprivnjak J-F, Matthieu R. 1997. Some persistent organic pollutants and heavy metals in the atmosphere over a St. Lawrence River valley site (Villeroy) in 1992. *Chemosphere* 34(3):567-585.
- *Poland A, Smith D, Kuntzman R, et al. 1970. Effect of intensive occupational exposure to DDT on phenylbutazone and cortisol metabolism in human subjects. *Clin Pharmacol Ther* 11:724-732.
- Porta M. 2001. Role of organochlorine compounds in the etiology of pancreatic cancer: A proposal to develop methodological standards. *Epidemiology* 12:272-276.
- *Porta M, Jarrod M, Malats N, et al. 2000. Prevalence of *K-ras* mutations at diagnosis and serum levels of DDT, DDE, PCBs and other organochlorine compounds in exocrine pancreatic cancer. In: Gress TM, ed. *Molecular pathogenesis of pancreatic cancer*. Amsterdam: IOS Press, 37-44.
- Porta M, Malats N, Jarrod M, et al. 1999. Serum concentrations of organochlorine compounds and *K-ras* mutations in exocrine pancreatic cancer. *Lancet* 354:2125-2129.
- *Porter RD, Wiemeyer SN. 1969. Dieldrin and DDT: Effects on sparrow hawk eggshells and reproduction. *Science* 165:199-200.
- *Porter RD, Wiemeyer SN. 1972. DDE at low dietary levels kills captive American kestrels. *Bull Environ Contam Toxicol* 8(4):193-199.
- *Powers J, Hennigar G, Grooms G, et al. 1974. Adrenal cortical degeneration and regeneration following administration of DDD. *Am J Pathol* 75(1):181-194.
- *Pranzatelli MR, Tkach K. 1992. Regional glycine receptor binding in the *p,p'*-DDT myoclonic rat model. *Arch Toxicol* 66:73-76.

9. REFERENCES

- *Pratt J, Rothwell J, Jenner P, et al. 1985. Myoclonus in the rat induced by *p,p*-DDT and the role of altered monoamine function. *Neuropharmacology* 24(5):361-373.
- *Pratt J, Rothwell J, Jenner P, et al. 1986. *p,p'*-DDT-induced myoclonus in the rat and its application as an animal model of 5-HT-sensitive action myoclonus. In: Fahn S, et al., *Advances in neurology*. Vol. 43: II. Myoclonus. New York, NY: Raven Press, 577-588.
- *Preat V, de Gerlache J, Lans M, et al. 1986. Comparative analysis of the effect of phenobarbital, dichlorodiphenyltrichloroethane, butylated hydroxytoluene and nafenopin on rat hepatocarcinogenesis. *Carcinogenesis* 7(6):1025-1028.
- Prest HF, Huckins JN, Petty JD, et al. 1995. A survey of recent results in passive sampling of water and air by semipermeable membrane devices. *Mar Pollut Bull* 31:306-312.
- *Preston BD, Miller JA, Miller EC. 1984. Reactions of 2,2',5,5'-tetrachlorobiphenyl 3,4-oxide with methionine, cysteine and glutathione in relation to the formation of methylthio-metabolites of 2,2',5,5'-tetrachlorobiphenyl in the rat and mouse. *Chem Biol Interact* 50:289-312.
- *Probst G, Hill L. 1980. Chemically-induced DNA repair synthesis in primary rat hepatocytes: A correlation with bacterial mutagenicity. *Ann NY Acad Sci* 349:405-406.
- *Probst G, McMahon R, Hill L, et al. 1981. Chemically-induced unscheduled DNA synthesis in primary rat hepatocyte cultures: A comparison with bacterial mutagenicity using 218 compounds. *Environ Mutagen* 3:11-32.
- *Procianoy R, Schvartsman S. 1981. Blood pesticide concentration in mothers and their newborn infants. *Acta Paediatr Scand* 70:925-928.
- *Quensen J, Mueller S, Jain M, et al. 1998. Reductive dechlorination of DDE to DDMU in marine sediment microcosms. *Science* 280:722-724.
- *Quensen JF, Tiedje JM, Jain MK, et al. 2001. Factors controlling the rate of DDE dechlorination to DDMU in Palos Verdes margin sediments under anaerobic conditions. *Environ Sci Technol* 35:286-291.
- *Rabello M, Becak W, Dealmeida W, et al. 1975. Cytogenetic study on individuals occupationally exposed to DDT. *Mutat Res* 28:449.
- *Racke K, Skidmore M, Hamilton D, et al. 1997. Pesticide fate in tropical soils. *Pure Appl Chem* 69(6):1349-1371.
- Radomski J, Deichmann W, MacDonald W, et al. 1965. Synergism among oral carcinogens. I. Results of the simultaneous feeding of four tumorigens to rats. *Toxicol Appl Pharmacol* 7:652-656.
- Rajukkannu K, Basha A, Habeebullah B, et al. 1985. Degradation and persistence of DDT, HCH, carbaryl and malathion in soil. *Indian J Environ Health* 27(3):237-243.
- *Ramachandran M, Zaidi S, Banerjee B, et al. 1984. Urinary excretion of DDA: 2,2-bis(4-chlorophenyl)acetic acid as an index of DDT exposure in men. *Indian J Med Res* 80:483-486.

9. REFERENCES

- Randall DJ; Brauner CJ. 1991. Toxicant uptake across fish gills. Seventeenth annual aquatic toxicity workshop, Vancouver, British Columbia, Canada, November 5-7, 1990. Can Tech Rep Fish Aquat Sci 1774:501-517.
- Rao V, Krishnaiah K, Sreeraman P, et al. 1978. Effect of oral DDT in male rats. Indian J Exp Biol 16:1002-1003.
- *Rapaport R, Urban N, Capel P, et al. 1985. "New" DDT inputs to North America: Atmospheric deposition. Chemosphere 14(9):1167-1174.
- Rappolt R. 1973. Use of oral DDT in three human barbiturate intoxications: Hepatic enzyme induction by reciprocal detoxicants. Clin Toxicol 6(2):147-151.
- Rappolt R, Hale W. 1968. *p,p'*-DDE and *p,p'*-DDT residues in human placentas, cords, and adipose tissue. Clin Toxicol 1(1):57-61.
- Rattner BA, Pearson JL, Golden NH, et al. 2000. Contaminant exposure and effects - terrestrial vertebrates database: Trends and data gaps for Atlantic coast estuaries. Environ Monit Assess 63:131-142.
- *Rehana T, Rao PR. 1992. Effect of DDT on the immune system in Swiss albino mice during adult and perinatal exposure: Humoral responses. Bull Environ Contam Toxicol 48:535-540.
- *Reich AR, Perkins JL, Cutter G. 1986. DDT contamination of a north Alabama aquatic ecosystem. Environ Toxicol Chem 5(8):725-736.
- *Reif V, Sinsheimer J. 1975. Metabolism of 2-(*o*-chlorophenyl)-1-(*p*-chlorophenyl)-2,2-dichloroethane (*o,p'*-DDD) in rats. Drug Metab Dispos 3(1):15-25.
- Reifenrath WG, Hawkins GS, Kurtz MS. 1991. Percutaneous penetration and skin retention of topically applied compounds: An in vitro-in vivo study. J Pharm Sci 80(6):526-532.
- *Reish DJ, Kawling TJ, Mearns AJ, et al. 1978. Marine and estuarine pollution. J Water Pollut Control Fed :1424-1462.
- *Ren P, Mehta P, Ruch R. 1998. Inhibition of gap junctional intercellular communication by tumor promoters in connexin43 and connexin32-expressing liver cells: Cell specificity and role of protein kinase C. Carcinogenesis 19(1):169-175.
- Rhainds M, Levallois P, Dewailly E, et al. 1999. Lead, mercury, and organochlorine compound levels in cord blood in Quebec, Canada. Arch Environ Health 54(1):40-47.
- Rhouma KB, Tebourbi O, Sakly M. 2000. Acute hepatotoxicity of DDT: Effect on glucocorticoid receptors and serum transcortin. Indian J Exp Biol 38:452-456.
- Ribeiro ML, Minelli EV. 1991. On-line DDT determination in blood serum: Experimental parameters. Bull Environ Contam Toxicol 47(6):804-810.
- *Richie PJ, Peterle TJ. 1979. effect of DDE on circulating luteinizing hormone levels in ring doves during courtship and nesting. Bull Environ Contam Toxicol 23:220-226.

9. REFERENCES

- *Risebrough RW, Anderson DW. 1975. Some effects of DDE and PCB on mallards and their eggs. *J Wildl Manage* 39(3):508-513.
- *Risebrough R, Jarman W, Springer A, et al. 1986. A metabolic derivation of DDE from kelthane. *Environ Toxicol Chem* 5:13-19.
- *Rivedal E, Mikalsen SO, Sanner T. 2000. Morphological transformatin and effect on gap junction intercellular communication in Syrian hamster embryo cells as screening tests for carcinogens devoid of mutagenic activity. *Toxicol in Vitro* 14:185-192.
- *Rivedal E, Yamasaki H, Sanner T. 1994. Inhibition of gap junctional intercellular communication in Syrian hamster embryo cells by TPA, retinoic acid and DDT. *Carcinogenesis* 15(4):689-694.
- *Rivero-Rodriquez L, Borja-Aburto V, Santos-Burgoa C, et al. 1997. Exposure assessment for workers applying DDT to control Malaria in Veracruz, Mexico. *Environ Health Perspect* 105(1):98-101.
- *Roan C, Morgan D, Paschal E. 1971. Urinary excretion of DDA following ingestion of DDT and DDT metabolites in man. *Arch Environ Health* 22:309-315.
- *Roberts DR, Laughlin LL, Hsheit P, et al. 1997. DDT, global strategies, and a malaria control crisis in South America. *Emerging Infectious Diseases* 3:295-302
- Roberts DR, Manguin S, Mouchet J. 2000. DDT house spraying and re-emerging malaria. *Lancet* 356:330-332.
- *Robertson BK, Alexander M. 1998. Sequestration of DDT and dieldrin in soil: Disappearance of acute toxicity but not the compounds. *Environ Toxicol Chem* 17(6):1034-1038.
- Robinson J, Hunter C. 1966. Organochlorine insecticides: Concentrations in human blood and adipose tissue. *Arch Environ Health* 13:558-563.
- Robison A, Stancel G. 1982. The estrogenic activity of DDT: Correlation of estrogenic effect with nuclear level of estrogen receptor. *Life Sci* 31:2479-2484.
- *Rodriguez P, Permanyer J, Grases JM, et al. 1991. Confirmation method for the identification and determination of some organophosphorus and organochlorine pesticides in cocoa beans by gas chromatography-mass spectrometry. *J Chromatogr* 562:547-553.
- Rogan WJ, Ragan NB. 2000. Hazards to infants in the food chain: Exposure through breast milk. In: Aggett PJ, Kuiper HA, eds. *Risk assessment in the food chain of children*. Philadelphia, PA: Nestec Ltd., 163-178.
- *Rogan W, Gladen B, McKinney J. 1986. Polychlorinated biphenyls (PCBs) and dichlorodiphenyl dichloroethene (DDE) in human milk: Effects of maternal factors and previous lactation. *Am J Public Health* 76(2):172-177.
- *Rogan W, Gladen B, McKinney J, et al. 1987. Polychlorinated biphenyls (PCBs) and dichlorodiphenyl dichloroethene (DDE) in human milk: Effects on growth, morbidity, and duration of lactation. *Am J Public Health* 77(10):1294.

9. REFERENCES

- *Rohrig L, Meisch H. 2000. Application of solid phase micro extraction for the rapid analysis of chlorinated organics in breast milk. *Fresenius J Anal Chem* 366:106-111.
- *Rojanapo W, Kupradinun P, Tepsuwan A, et al. 1993. Effect of varying the onset of exposure to DDT on its modulation of AFB1-induced hepatocarcinogenesis in the rat. *Carcinogenesis* 14(4):663-667.
- *Rojanapo W, Tepsuwan A, Kupradinun P, et al. 1988. Modulation of hepatocarcinogenicity of aflatoxin B1 by the chlorinated insecticide DDT. In: Nigam ed. *Eicosanoids, Lipid Peroxidation and Cancer*. Springer-Verlag Berlin.
- Romero Y. 1998. Effects of p,p'-DDE on male reproductive organs in peripubertal Wistar rats following a single intraperitoneal injection. *Fukuoka Acta Med* 88(2):64-77.
- *Romieu I, Hernandez-Avila M, Lazcano-Ponce E, et al. 2000. Breast cancer, lactation history, and serum organochlorines. *Am J Epidemiol* 152(4):363-370.
- *Ron M, Cucos B, Rosenn B, et al. 1988. Maternal and fetal serum levels of organochlorine compounds in cases of premature rupture of membranes. *Acta Obstet Gynecol Scand* 67:695-697.
- Roncevic N, Pavkov S, Galetin-Smith R, et al. 1987. Serum concentrations of organochlorine compounds during pregnancy and the newborn. *Bull Environ Contam Toxicol* 38:117-124.
- *Roseng L, Rivedal E, Skaare J, et al. 1994. Effect of 1,1'-(2,2,2-trichloroethylidene)-bis(4-chlorobenzene) (DDT) on gap junctional intercellular communication and morphological transformation of Syrian hamster embryo cells. *Chem Biol Interact* 90:73-85.
- *Ross MH and Reith EJ. 1985. *Histology: A Text and Atlas*. New York, NY: Harper & Row.
- Rosselli M, Reinhart K, Imthurn B, et al. 2000. Cellular and biochemical mechanisms by which environmental oestrogens influence reproductive function. *Hum Reprod* 6(4):332-350.
- *Rossi L, Barbieri O, Sanguineti M, et al. 1983. Carcinogenicity study with technical-grade dichlorodiphenyltrichloroethane and 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene in hamsters. *Cancer Res* 43:776-781.
- *Rossi L, Ravera M, Repetti G, et al. 1977. Long-term administration of DDT or phenobarbital-Na in Wistar rats. *Int J Cancer* 19:179-185.
- *Rothe CF, Mattson AM, Nueslein RM, et al. 1957. Metabolism of chlorophenothane (DDT): Intestinal lymphatic absorption. *Arch Ind Health* 16:82-86.
- *Rothman N, Cantor K, Blair A, et al. 1997. A nested case-control study of non-Hodgkin lymphoma and serum organochlorine residues. *Lancet* 350:240-244.
- *Rowlands S, Hall A, McCormick P, et al. 1994. Destruction of toxic materials. *Nature* 367:223.
- *Rozman K, Ballhorn L, Rozman T. 1983. Mineral oil in the diet enhances fecal excretion of DDT in the rhesus monkey. *Drug Chem Toxicol* 6:311-316.
- RTECS. 1999a. o,p'-DDT - 789-02-6. Registry of Toxic Effects of Chemical Substances. National Institute for Occupational Safety and Health. April 19, 1999.

9. REFERENCES

- RTECS. 1999b. o,p'-DDD - 53-19-0. Registry of Toxic Effects of Chemical Substances. National Institute for Occupational Safety and Health. April 19, 1999.
- RTECS. 1999c. p,p'-DDT - 50-29-3. Registry of Toxic Effects of Chemical Substances. National Institute for Occupational Safety and Health. April 19, 1999.
- RTECS. 1999d. p,p'-DDE - 72-55-9. Registry of Toxic Effects of Chemical Substances. National Institute for Occupational Safety and Health. April 19, 1999.
- RTECS. 1999e. p,p'-DDD - 72-54-8. Registry of Toxic Effects of Chemical Substances. National Institute for Occupational Safety and Health. April 19, 1999.
- *Rubin JG, Payne GT, Soderlund DM. 1993. Structure activity relationships for pyrethroids and DDT analogues as modifiers of [³H] batrachotoxin A 20 α -benzoate binding to mouse brain sodium channels. *Pest Biochem Physiol* 45:130-140.
- *Ruch R, Bonney W, Sigler K, et al. 1994. Loss of gap junctions from DDT-treated liver epithelial cells. *Carcinogenesis* 15(2):301-306.
- *Rudolph SG, Anderson DW, Risebrough RW. 1983. Kestrel predatory behaviour under chronic low-level exposure to DDE. *Environ Pollut Ser A* 32:121-136.
- *Rupa DS, Reddy PP, Sreemannarayana K, et al. 1991. Frequency of sister chromatid exchange in peripheral lymphocytes of male pesticide applicators. *Environ Mol Mutagen* 18:136-138.
- *Rupa DS, Rita P, Reddy PP, et al. 1988. Screening of chromosomal aberrations and sister chromatid exchanges in peripheral lymphocytes of vegetable garden workers. *Human Toxicol* 7:333-336.
- *Rupa DS, Rita P, Reddy PP. 1989. Analysis of sister-chromatid exchanges, cell kinetics and mitotic index in lymphocytes of smoking pesticide sprayers. *Mutat Res* 223:253-258.
- *Russell RW, Hecnar SJ, Haffner GD. 1995. Organochlorine pesticide residues in Southern Ontario spring peepers. *Environ Toxicol Chem* 14(5):815-817.
- *Saady JJ, Fitzgerald RL, Poklis A. 1992. Measurement of DDT and DDE from serum, fat, and stool specimens. *J Environ Sci Health A27(4):967-981*.
- *Sabljić A. 1984. Predictions of the nature and strength of soil sorption of organic pollutants by molecular topology. *J Agric Food Chem* 32:243-246.
- *Safe S. 1995. Environmental and dietary estrogens and human health: Is there a problem? *Environ Health Perspect* 103(4):346-351.
- *Safe S. 1998a. Interactions between hormones and chemicals in breast cancer. *Annu Rev Pharmacol Toxicol* 38:121-158.
- Safe S. 1998b. Male reproductive capacity and exposure to environmental chemicals. In: Eisenbrand G, ed. *Hormonally active agents in food: Symposium*. Weinheim, Germany: Wiley-VCH, 253-260.

9. REFERENCES

- *Safe S, Zackarewski T. 1997. Organochlorine exposure and risk for breast cancer. In: Aldaz CM, Gould MN, McLachlan J, et al, eds. Etiology of breast and gynecological cancers. New York, NY: Wiley-Liss, Inc., 133-145.
- *Safe S, Connor K, Ramamoorthy K, et al. 1997. Human exposure to endocrine-active chemicals: Hazard assessment problems. *Reg Toxicol Pharmacol* 26:52-58.
- Safe S, Connor K, Gaido K. 1998. Methods for xenoestrogen testing. *Toxicol Lett* 102-103:665-670.
- Sala M, Ribas-Fito N, de Muga ME, et al. 1999. Hexachlorobenzene and other organochlorine compounds incorporation to the new-borns and its effects on neonatal neurological development at 6-8 weeks of life. *Organohalogen Compounds* 44:241-242.
- *Sala M, Ribas-Fit6 N, Cardo E, et al. 2001. Levels of hexachlorobenzene and other organochlorine compounds in cord blood: exposure across placenta. *Chemosphere* 43:895-901.
- Salonen L, Vaajakorpi H. 1976. Bioaccumulation of ¹⁴C-DDT in a small pond. *Environ Qual Safety* 5:130-140.
- *Samuel T, Pillai MKK. 1990. Effect of temperature and solar radiations on volatilisation, mineralisation and degradation of [¹⁴C] DDT in soil. *Environ Pollut* 57:63-77.
- Sandhu S, Warren W, Nelson P. 1978. Pesticidal residue in rural potable water. *J Am Water Works Assoc* 41-45.
- *Sanger DM, Holland AF, Scott GI. 1999. Tidal creek and salt marsh sediments in South Carolina coastal estuaries: II. Distribution of organic contaminants. *Arch Environ Contam Toxicol* 37:458-471.
- *Sanyal S, Agarwal N, Subrahmanyam D. 1986. Effect of acute sublethal and chronic administration of DDT (chlorophenothane) on brain lipid metabolism of Rhesus monkeys. *Toxicol Lett* 34:47-54.
- *Sasaki K, Kawasaki Y, Sekita K, et al. 1992. Disposition of β -hexachlorocyclohexane, *p,p'*-DDT, and trans-chlordane administered subcutaneously to monkeys (*Macaca fascicularis*). *Arch Environ Contam Toxicol* 22:25-29.
- Sasaki K, Ishizaka T, Suzuki T, et al. 1991a. Accumulation levels of organochlorine pesticides in human adipose tissue and blood. *Bull Environ Contam Toxicol* 46(5):662-669.
- *Sasaki K, Ishizaka T, Suzuki T, et al. 1991b. Organochlorine chemicals in skin lipids as an index of their accumulation in the human body. *Arch Environ Contam Toxicol* 21:190-194.
- Sathiakumar N, Delzell E, Austin H, et al. 1992. A follow-up study of agricultural chemical production workers. *Am J Ind Med* 21(3):321-330.
- *Sax E. 1979. Dangerous properties of industrial materials. 5th ed. New York, NY: Van Nostrand Reinhold, 534-535.
- *Saxena M, Siddiqui M, Bhargava A, et al. 1980. Role of chlorinated hydrocarbon pesticides in abortions and premature labor. *Toxicology* 17:323-331.

9. REFERENCES

- *Saxena M, Siddiqui M, Agarwal V, et al. 1983. A comparison of organochlorine insecticide contents in specimens of maternal blood, placenta, and umbilical-cord blood from stillborn and live-born cases. *J Toxicol Environ Health* 11:71-79.
- *Saxena M, Siddiqui M, Seth T, et al. 1981. Organochlorine pesticides in specimens from women undergoing spontaneous abortion, premature or full-term delivery. *J Anal Toxicol* 5:6-9.
- *Saxena S, Khare C, Farooq A, et al. 1987. DDT and its metabolites in leiomyomatous and normal human uterine tissue. *Arch Toxicol* 59:453-455.
- Schantz SL, Jacobson JL, Humphrey HEB, et al. 1994. Determinants of polychlorinated biphenyls (PCBs) in the sera of mothers and children from Michigan farms with PCB-contaminated silos. *Arch Environ Health* 49(6):452-458.
- *Schattenberg H, Hsu J-P. 1992. Pesticide residue survey of produce from 1989 to 1991. *J Assoc Off Anal Chem Int* 75(5):925-933.
- *Schechter A, Toniolo P, Dai L, et al. 1997. Blood levels of DDT and breast cancer risk among women living in the north of Vietnam. *Arch Environ Contam Toxicol* 33:453-456.
- *Scheele J. 1998. A comparison of the concentrations of certain pesticides and polychlorinated hydrocarbons in bone marrow and fat tissue. *J Environ Pathol Toxicol Oncol* 17(1):65-68.
- *Scheele J, Teufel M, Niessen K-H. 1995. A comparison of the concentrations of certain chlorinated hydrocarbons and polychlorinated biphenyls in bone marrow and fat tissue of children and their concentrations in breast milk. *J Environ Pathol Toxicol Oncol* 14(1):11-14.
- *Schildkraut JM, Demark-Wahnefried W, DeVoto E, et al. 1999. Environmental contaminant and body fat distribution. *Cancer Epidemiol Biomarkers Prev* 8:179-183.
- Schlebusch H, Wagner U, Schneider C, et al. 1994. Placental transfer of chlorinated hydrocarbons in humans [Abstract]. *Clin Chem* 40(6):1084.
- *Schmid K, Lederer P, Goen T, et al. 1997. Internal exposure to hazardous substances of persons from various continents: Investigations on exposure to different organochlorine compounds. *Int Arch Occup Environ Health* 69:399-406.
- *Schmitt CJ, Zajicek JL, Peterman PH. 1990. National contaminant biomonitoring program: Residues of organochlorine chemicals in U.S. freshwater fish, 1976-1984. *Arch Environ Contam Toxicol* 19:748-781.
- *Schneider J, Huh MM, Bradlow HL, et al. 1984. Antiestrogen action of 2-hydroxyestrone on MCF-7 human breast cancer cells. *J Biol Chem* 259(8):4840-4845.
- *Schteingart DE. 2000. Conventional and novel strategies in the treatment of adrenocortical cancer. *Braz J Med Biol Res* 33:1197-1200.
- Schteingart D, Sinsheimer J, Counsell R, et al. 1993. Comparison of the adrenalytic activity of mitotane and a methylated homolog on normal adrenal cortex and adrenal cortical carcinoma. *Cancer Chemother Pharmacol* 31:459-466.

9. REFERENCES

- *Schulte-Hermann R. 1974. Induction of liver growth by xenobiotic compounds and other stimuli. *CRC Crit Rev Toxicol* 3:97-158.
- *Schwack W. 1988. Photoinduced additions of pesticides to biomolecules. 2. Model reactions of DDT and methoxychlor with methyl oleate. *J Agric Food Chem* 36:645-648.
- Schulze J, Manigold D, Andrews F. 1973. Pesticides in selected western streams—1968-71. *Pestic Monit J* 7:73-84.
- *Scott ML, Zimmerman JR, Marinsky S, et al. 1975. Effects of PCBs, DDT, and mercury compounds upon egg production, hatchability and shell quality in chickens and Japanese quail. *Poult Sci* 54:350-368.
- Seiber JN. 1991. Analytical chemistry and pesticide regulation. In: Marco GJ, Hollingworth RM, Plimmer JR, eds. *Regulation of agrochemicals: A driving force in their evolution*. Washington, DC: American Chemical Society, 101-120.
- *Seidensticker JC. 1968. Response of juvenile raptors to DDT in the diet. Helena, Montana: University of Montana.
- Seifert M, Haindl S, Hock B. 1999. Development of an enzyme linked receptor assay (ELRA) for estrogens and xenoestrogens. *Anal Chim Acta* 386:191-199.
- *Seiler J. 1977. Inhibition of testicular DNA synthesis by chemical mutagens and carcinogens. Preliminary results in the validation of a novel short term test. *Mutat Res* 46:305-310.
- *Seiler P, Fischer B, Lindenau A, et al. 1994. Effects of persistent chlorinated hydrocarbons on fertility and embryonic development in the rabbit. *Hum Reprod* 9:1920-1926.
- Serat W, Lee M, VanLoon A, et al. 1977. DDT and DDE in the blood and diet of Eskimo children from Hooper Bay, Alaska. *Pestic Monit J* 11:1-4.
- *Setchell BP, Waites GMH. 1975. The blood testis barrier. In: Creep RO, Astwood EB, Geiger SR, eds. *Handbook of physiology: Endocrinology V*. Washington, DC: American Physiological Society, 143-172.
- *Shabad L, Kolesnichenko T, Nikonova T. 1973. Transplacental and combined long-term effect of DDT in five generations of A-strain mice. *Int J Cancer* 11:688-693.
- Sharom M, Miles J. 1981. The degradation of parathion and DDT in aqueous systems containing organic additives. *J Environ Sci Health B16(6):703-711*.
- Sheeler CQ, Dudley MW, Khan SA. 2000. Environmental estrogens induce transcriptionally active estrogen receptor dimers in yeast: Activity potentiated by the coactivator RIP140. *Environ Health Perspect* 108(2):97-103.
- *Shekhar P, Werdell J, Basur V. 1997. Environmental estrogen stimulation of growth and estrogen receptor function in preneoplastic and cancerous human breast cell lines. *J Natl Cancer Inst* 89(23):1774-1782.
- *Shelby M, Newbold R, Tully D, et al. 1996. Assessing environmental chemicals for estrogenicity using a combination of *in vitro* and *in vivo assays*. *Environ Health Perspect* 104(12):1296-1300.

9. REFERENCES

- *Shellenberger TE. 1978. A multi-generation toxicity evaluation of p,p'-DDT and dieldrin with Japanese quail: 1. Effects on growth and reproduction. *Drug Chem Toxicol* 1(2):137-146.
- *Shen K, Novak R. 1997a. DDT stimulates c-erbB2, c-met, and STATS tyrosine phosphorylation, Grb2-SOS association, MAPK phosphorylation, and proliferation of human breast epithelial cells. *Biochem Biophys Res Commun* 231:17-21.
- *Shen K, Novak R. 1997b. Differential effects of Aroclors and DDT on growth factor gene expression and receptor tyrosine kinase activity in human breast epithelial cells. In: Honn ed. *Eicosanoids and other bioactive lipids in cancer inflammation and radiation injury*. New York, NY: Plenum Press, 295-302.
- *Shiplov J, Graber C, Keil J, et al. 1972. Effect of DDT on antibody response to typhoid vaccine in rabbits and man. *Immunol Commun* 1(4):385-394.
- *Shirasu et al. 1976. Mutagenicity screening of pesticides in the microbial system. *Mutat Res* 40:19.
- Shivapurkar N, Hoover K, Poirier L. 1986. Effect of methionine and choline on liver tumor promotion by phenobarbital and DDT in diethylnitrosamine-initiated rats. *Carcinogenesis* 7:547-550.
- *Sieber S. 1976. The lymphatic absorption of p,p'-DDT and some structurally-related compounds in the rat. *Pharmacology* 14:443-454.
- *Sieber SM, Cohn VH, Wynn, WT. 1974. The entry of foreign compounds into the thoracic duct lymph of rat. *Xenobiotica* 4(5):265-284.
- *Sierra-Santoyo A, Hernandez M, Albores A, et al. 2000. Sex-dependent regulation of hepatic cytochrome P-450 by DDT. *Toxicol Sci* 54:81-87.
- *Silinskas K, Okey A. 1975. Protection by 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane (DDT) against mammary tumors and leukemia during prolonged feeding of 7,12-dimethylbenz [a]anthracene to female rats. *J Natl Cancer Inst* 55(3):653-657.
- *Singh BK, Kuhad RC, Singh A, et al. 1999. Biochemical and molecular basis of pesticide degradation by microorganisms. *Crit Rev Biotechnol* 19(3):197-225.
- *Singhal R, Valadares J, Schwark W. 1970. Metabolic control mechanisms in mammalian systems. *Biochem Pharmacol* 19:2145.
- Sjödén HL, Erfurth EM, Axmon A, et al. 1998. Dietary exposure to persistent organochlorines and pituitary thyroid and testosterone hormone levels in male adults. *Organohalogen Compounds* 37:229-232.
- *Sjoeib F, Anwar E, Tungguldihardjo M. 1994. Laboratory studies of dissipation of ¹⁴C-DDT from soil and plywood surfaces. *J Environ Sci Health B29(1):153-159*.
- *Slebos RJC, Hoppin JA, Tolbert PE, et al. 2000. K-ras and p53 in pancreatic cancer: Association with medical history, histopathology, and environmental exposures in a population-based study. *Cancer Epidemiol Biomarkers Prev* 9:1223-1232.

9. REFERENCES

- *Sleicher C, Hopcraft J. 1984. Persistence of pesticides in surface soil and relation to sublimation. *Environ Sci Technol* 18(7):514-518.
- Smith AG. 2000. How toxic is DDT? *Lancet* 356:267-268.
- *Smith D. 1999. Worldwide trends in DDT levels in human breast milk. *Int J Epidemiol* 28:179-188.
- *Sobotka T. 1971. Behavioral effects of low doses of DDT. *Proc Soc Exp Biol Med* 137:952-955.
- *Sohoni P, Sumpter J. 1998. Several environmental oestrogens are also anti-androgens. *J Endocrinol* 158:327-339.
- *Soloman K. 1998. Endocrine-modulating substances in the environment: The wildlife connection. *Int J Toxicol Occup Environ Health* 17:159-172.
- Soto A, Sonnenschein C. 1985. The role of estrogens on the proliferation of human breast tumor cells (MCF-7). *Steroid Biochemistry* 23(1):87-94.
- *Soto A, Fernandez M, Luizzi M, et al. 1997. Developing a marker of exposure to xenoestrogen mixtures in human serum. *Environ Health Perspect Suppl* 105(3):647-654.
- *Soto AM, Lin FM, Justicia H, et al. 1998. An "in culture" bioassay to assess the estrogenicity of xenobiotics (E-screen). *J Clean Technol Environ Toxicol Occup Med* 7(3):331-343.
- *Spencer WF, Singh G, Taylor CD, et al. 1996. DDT persistence and volatility as affected by management practices after 23 years. *J Environ Qual* 25:815-821.
- *Sperry TS, Thomas P. 1999. Identification of two nuclear androgen receptors in kelp bass (*Paralabrax clathratus*) and their binding affinities for xenobiotics: comparison with Atlantic croaker (*Micropogonias undulatus*) androgen receptors. *Biol Reprod* 61:1152-1161.
- *Stanley C, Barney J, Helton M, et al. 1971. Measurement of atmospheric levels of pesticides. *Environ Sci Technol* 5(5):430-435.
- *Staples C, Werner A, Hoogheem T. 1985. Assessment of priority pollutant concentrations in the United States using STORET database. *Environ Toxicol Chem* 4:131-142.
- *Stehr-Green PA. 1989. Demographic and seasonal influences on human serum pesticide residues. *J Toxicol Environ Health* 27:405-421.
- Steinberg FM. 2001. It is time to dismiss calls to ban DDT. *Br Med J* 322(7287):676-677.
- *Stellman SD, Djordjevic MV, Muscat JE, et al. 1998. Relative abundance of organochlorine pesticides and polychlorinated biphenyls in adipose tissue and serum of women in Long Island, New York. *Cancer Epidemiol Biomarkers Prev* 7:489-4986.
- Steuerwald U, Weihe P, Jorgensen PJ, et al. 2000. Maternal seafood diet, methylmercury exposure, and neonatal neurological function. *J Pediatr* 136:599-605.
- Stevens MF, Ebell GF, Psaila-Savona P. 1993. Organochlorine pesticides in Western Australian nursing mothers. *Med J Aust* 158:238-241.

9. REFERENCES

- *Stewart D, Chisholm D. 1971. Long-term persistence of BHC, DDT and chlordane in a sandy loam soil. *Can J Soil Sci* 51:379-383.
- Stewart P, Pagano J, Sargent D, et al. 2000. Effects of Great Lakes fish consumption on brain PCB pattern, concentration, and progressive-ratio performance. *Environ Res* 82:18-32.
- *Stickel LF, Stickel WH, Christensen R. 1966. Residues of DDT in brain and bodies of birds that died on dosage and in survivors. *Science* 151:1549-1551.
- Storelli MM, Marcotrigiano GO. 2000a. Chlorobiphenyls, HCB, and organochlorine pesticides in some tissues of *Caretta caretta* (Linnaeus) specimens beached along the Adriatic Sea, Italy. *Bull Environ Contam Toxicol* 64:481-488.
- Storelli MM, Marcotrigiano GO. 2000b. Environmental contamination in Bottlenose dolphin (*Tursiops truncatus*): Relationship between levels of metals, methylmercury, and organochlorine compounds in an adult female, her neonate, and a calf. *Bull Environ Contam Toxicol* 64:333-340.
- Strassman S, Kutz F. 1977. Insecticide residues in human milk from Arkansas and Mississippi. *Pestic Monit J* 10:130.
- *Streck G, Herrmann R. 2000. Distribution of endocrine disrupting semivolatile organic compounds in several compartments of a terrestrial ecosystem. *Water Sci Technol* 42:39-44
- *Street J, Chadwick R. 1967. Stimulation of dieldrin metabolism by DDT. *Toxicol Appl Pharmacol* 11:68-71.
- *Street J, Sharma R. 1975. Alteration of induced cellular and humoral immune responses by pesticides and chemicals of environmental concern: Quantitative studies on immunosuppression by DDT, Aroclor 1254, carbaryl, carbofuran, and methylparathion. *Toxicol Appl Pharmacol* 32:587-602.
- Stringer RL, Jacobs MN, Johnston PA, et al. 1996. Organochlorine residues in fish oil dietary supplements. *Organohalogen compounds* 28:551-556.
- *Strom P. 2000. Pesticides in yard waste compost. *Compost Sci Util* 8:54-60
- *Strompl C, Thiele J. 1997. Comparative fate of 1,1-diphenylethylene(DPE), 1,1-dichloro-2,2-bis(4-chlorophenyl)-ethylene(DDE), and pentachlorophenol(PCP) under alternating aerobic and anaerobic conditions. *Arch Environ Contam Toxicol* 33:350-356.
- *Sturgeon SR, Brock JW, Potischman N, et al. 1998. Serum concentrations of organochlorine compounds and endometrial cancer risk (United States). *Cancer Causes Control* 9:417-424.
- Subba-Rao R, Alexander M. 1985. Bacterial and fungal cometabolism of 1,1,1-trichloro-2,2-bis-(4-chlorophenyl)ethane (DDT) and its breakdown products. *Appl Environ Microbiol* 49:509-516.
- Suedel BC, Boraczek JA, Peddicord RK, et al. 1994. Trophic transfer and biomagnification potential of contaminants in aquatic ecosystems. *Rev Environ Contam Toxicol* 136:21-59.
- *Suggs J, Hawk R, Curley A, et al. 1970. DDT metabolism: Oxidation of the metabolite 2,2-bis-(p-chlorophenyl) ethanol by alcohol dehydrogenase. *Science* 168:582.

9. REFERENCES

- *Sunami O, Kunimatsu T, Yamada T, et al. 2000. Evaluation of a 5-day Hershberger assay using young mature male rats: methyltestosterone and *p,p'*-DDE, but not fenitrothion, exhibited androgenic or antiandrogenic activity *in vivo*. *J Toxicol Sci* 25(5):403-415.
- Sundstrom G. 1977. Metabolic hydroxylation of the aromatic rings of 1,1-dichloro-2,2-bis-(4-chlorophenyl)ethylene (*p,p'*-DDE) by the rat. *J Agric Food Chem* 25(1):18-21.
- *Svensson B-G, Hallberg T, Nilsson A, et al. 1994. Parameters of immunological competence in subjects with high consumption of fish contaminated with persistent organochlorine compounds. *Int Arch Occup Environ Health* 65:351-358.
- *Swaneck GE, Fishman J. 1988. Covalent binding of the endogenous estrogen 16 α -hydroxyestrone to estradiol receptor in human breast cancer cells: Characterization and intranuclear localization. *Proc Natl Acad Sci U S A* 85:7831-7835
- Swann RL, McCall PJ, Laskowski DA, et al. 1981. Estimation of soil sorption constants of organic chemicals by high-performance liquid chromatography. *ASTM Spec Tech Pub* 737:43-48.
- Syracuse Research Corporation. 1999. EPIWIN database.
- Tabak H, Quave S, Mashni C, et al. 1981. Biodegradability studies with organic priority pollutant compounds. *J Water Pollut Control Fed* 53:1503-1518.
- *Tadi-Uppala P, Sathiakumar N, Lewis M, et al. 1998. Cancer in residents of Triana, Alabama exposed to DDT [Abstract]. *Proc Am Assoc Cancer Res* 39:99.
- *Takayama S, Sieber SM, Dalgard DW, et al. 1999. Effects of long-term oral administration of DDT on nonhuman primates. *Z Krebsforsch Klin Onkol* 125:219-225.
- *Takei G, Kauahikaua S, Leong G. 1983. Analyses of human milk samples collected in Hawaii for residues of organochlorine pesticides and polychlorobiphenyls. *Bull Environ Contam Toxicol* 30:606-613.
- *Talts U, Talts JF, Eriksson P. 1998. Differential expression of muscarinic subtype mRNAs after exposure to neurotoxic pesticides. *Neurobiol Aging* 19(6):553-559.
- *Tanaka T, Mori H, Williams G. 1987. Enhancement of dimethylnitrosamine-initiated hepatocarcinogenesis in hamsters by subsequent administration of carbon tetrachloride but not phenobarbital or *p,p'*-dichlorodiphenyltrichloroethane. *Carcinogenesis* 8(9):1171-1178.
- Tarjan R. 1970. Multigeneration studies on DDT. *Food Cosmet Toxicol* 8:479-481.
- *Tarjan R, Kemeny T. 1969. Multigeneration studies on DDT in mice. *Food Cosmet Toxicol* 7:215-222.
- Tas JW, Keizer A, Opperhuizen A. 1996. Bioaccumulation and lethal body burden of four triorganotin compounds. *Bull Environ Contam Toxicol* 57:146-154.
- *Tateno C, Ito S, Tanaka M, et al. 1994. Effect of DDT on hepatic gap junctional intercellular communication in rats. *Carcinogenesis* 15(3):517-521.

9. REFERENCES

- Telang N, Suto A, Wong G, et al. 1992. Induction by estrogen metabolite 16 α -hydroxyestrone of genotoxic damage and aberrant proliferation in mouse mammary epithelial cells. *J Nat Cancer Inst* 84(8):634-638.
- *Telang S, Tong C, Williams G. 1981. Induction of mutagenesis by carcinogenic polycyclic aromatic hydrocarbons but not by organochlorine pesticides in the ARL/HGPRT mutagenesis assay. *Environ Mutagen* 3:359.
- Terracini B. 1970. Multigeneration studies on DDT. *Food Cosmet Toxicol* 8:478-479.
- *Terracini B, Testa M, Cabral J, et al. 1973. The effects of long-term feeding of DDT to balb/c mice. *Int J Cancer* 11:747-764.
- Terzolo M, Pia A, Berruti A, et al. 2000. Low-dose monitored mitotane treatment achieves the therapeutic range and manageable side effects in patients with adrenocortical cancer. *J Clin Endocrinol Metab* 85(6):2234-2238.
- Tessari JD, Archibeque-Engle SL. 1999. Correspondence re: S.D. Stellman et al., Relative abundance of organochlorine pesticides and polychlorinated biphenyls in adipose tissue and serum of women in Long Island, New York. *Cancer Epidemiol. Biomark. Prev.*, 7: 489-496, 1998. *Cancer Epidemiol Biomarkers Prev* 8:111-114.
- Teufel M, Niessen KH, Sartoris J, et al. 1990. Chlorinated hydrocarbons in fat tissue: Analyses of residues in healthy children, tumor patients, and malformed children. *Arch Environ Contam Toxicol* 19:646-652.
- *Thomas RG. 1990. Volatilization from soil. In: Lyman WJ, Reehl WF, Rosenblatt DH, eds. *Handbook of chemical property estimation methods: environmental behavior of organic compounds*. Washington, DC: American Chemical Society, 16-25 to 16-28.
- *Thomas P. 1999. Nontraditional sites of endocrine disruption by chemicals on the hypothalamus-pituitary-gonadal axis: interactions with steroid membrane receptors, monoaminergic pathways, and signal transduction systems. In: Naz RK, ed. *Endocrine Disruptors: Effects on Male and Female Reproductive Systems*. New York, NY: CRC Press.
- *Thorpe E, Walker A. 1973. The toxicology of dieldrin. II. Comparative long-term oral toxicity studies in mice with dieldrin, DDT, phenobarbitone, beta-BHC and alpha-BHC. *Food Cosmet Toxicol* 11:433-442.
- *Tiemann U, Pohland R. 1999. Inhibitory effects of organochlorine pesticides on intercellular transfer of lucifer yellow in cultured bovine oviductal cells. *Reprod Toxicol* 13(2):123-130.
- *Tilson H, Hudson P, Hong J. 1986. 5,5-Diphenylhydantoin antagonizes neurochemical and behavioral effects of *p,p'*-DDT but not of chlordecone. *J Neurochem* 47(6): 1870-1878.
- *Tilson H, Shaw S, McLamb R. 1987. The effects of lindane, DDT, and chlordecone on avoidance responding and seizure activity. *Toxicol Appl Pharmacol* 88:57-65.
- To-Figueras J, Gomez-Catalan J, Rodamilans M, et al. 1988. Mobilization of stored hexachlorobenzene and *p,p'*-dichlorodiphenyldichloroethylene during partial starvation in rats. *Toxicol Lett* 42:79-86.

9. REFERENCES

Tomatis L, Huff J. 2000. Evidence of carcinogenicity of DDT in nonhuman primates. *J Cancer Res Clin Oncol* 126(4):246.

*Tomatis L, Turusov V. 1975. Studies in the carcinogenicity of DDT. *Gann* 17:219-241.

*Tomatis L, Turusov V, Charles R, et al. 1974a. Effect of long-term exposure to 1,1-dichloro-2,2-bis(*p*-chlorophenyl)ethylene, to 1,1-dichloro-2,2-bis(*p*-chlorophenyl)ethane and to the two chemicals combined on CF-1 mice. *J Natl Cancer Inst* 52(3):883-891.

*Tomatis L, Turusov V, Charles R, et al. 1974b. Liver tumours in CF-1 mice exposed for limited periods to technical DDT. *Cancer Res Clin Oncol* 82:25-35.

*Tomatis L, Turusov V, Day N, et al. 1972. The effect of long-term exposure to DDT on CF-1 mice. *Int J Cancer* 10:489-506.

*Tong C, Fazio M, Williams G. 1981. Rat hepatocyte-mediated mutagenesis of human cells by carcinogenic polycyclic aromatic hydrocarbons but not organochlorine pesticides (41217). *Proc Soc Exp Biol Med* 167:572-575.

*Torres-Arreola L, Lopez-Carrillo L, Torres-Sanchez L, et al. 1999. Levels of dichloro-dyphenyl-trichloroethane (DDT) metabolites in maternal milk and their determinant factors. *Arch Environ Health* 54(2):124-129.

Touitou Y, Moolenaar A, Bogdan A, et al. 1985. *o,p'*-DDD (mitotane) treatment for Cushing's syndrome: Adrenal drug concentration and inhibition *in vitro* of steroid synthesis. *Eur J Clin Pharmacol* 29:483-487.

Trebicka-Kwiatkowska B, Radomanski T, Stec J. 1971. [A case of intrauterine fetal death in a woman exposed to pesticides during her work.] *Polski Tydognik Lekarski* 26:1862-1863. (Czechoslovakian)

*Treon J, Cleveland F. 1955. Pesticide toxicity: Toxicity of certain chlorinated hydrocarbon insecticides for laboratory animals with special reference to aldrin and dieldrin. *J Agric Food Chem* 3(5):402-408

*Treon J, Boyd J, Berryman G, et al. 1954. Final report on the effects on the reproductive capacity of three generations of rats being fed on diets containing aldrin, dieldrin, or DDT. Kettering Laboratory, University of Cincinnati, College of Medicine, Cincinnati, OH.

TRI96. 1999. Toxic Chemical Release Inventory. National Library of Medicine, National Toxicology Information Program, Bethesda, MD.

Trosko JE, Chang C-C, Upham B, et al. 1998. Epigenetic toxicology as toxicant-induced changes in intracellular signaling leading to altered gap junctional intercellular communication. *Toxicol Lett* 102-103:71-78.

*Tsushimoto G, Chang C, Trosko J, et al. 1983. Cytotoxic, mutagenic, and cell-cell communication inhibitory properties of DDT, lindane, and chlordane on Chinese hamster cells *in vitro*. *Arch Environ Contam Toxicol* 12:721-730.

*Tully DB, Cox VT, Mumtaz MM, et al. 2000. Six high-priority organochlorine pesticides, either singly or in combination, are nonestrogenic in transfected HeLa cells. *Reprod Toxicol* 14:95-102.

9. REFERENCES

- *Turner J, Shanks V. 1980. Absorption of some organochlorine compounds by the rat small intestine *in vivo*. *Bull Environ Contam Toxicol* 24:652-655.
- *Turusov V, Day N, Tomatis L, et al. 1973. Tumors in CF-1 mice exposed for six consecutive generations to DDT. *J Natl Cancer Inst* 51(3):983-997.
- Turusov V, Rakitsky V, Tomatis L. 2002. Dichlorodiphenyltrichloroethane (DDT): Ubiquity, persistence, and risks. *Environ Health Perspect* 110(2):125-128.
- *UATW. 1999a. Unified Air Toxics Website, Colorado. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. [wysiwyg://17/http://www.epa.gov/ttn/uatw/stprogs.html](http://www.epa.gov/ttn/uatw/stprogs.html). May 26, 1999.
- *UATW. 1999b. Unified Air Toxics Website, Alabama. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. [wysiwyg://17/http://www.epa.gov/ttn/uatw/stprogs.html](http://www.epa.gov/ttn/uatw/stprogs.html). May 26, 1999.
- *UATW. 1999c. Unified Air Toxics Website, Hawaii. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. [wysiwyg://17/http://www.epa.gov/ttn/uatw/stprogs.html](http://www.epa.gov/ttn/uatw/stprogs.html). May 5, 1999.
- *UATW. 1999d. Unified Air Toxics Website, Idaho. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. [wysiwyg://17/http://www.epa.gov/ttn/uatw/stprogs.html](http://www.epa.gov/ttn/uatw/stprogs.html). May 5, 1999.
- Ulrich EM, Caperell-Grant A, Jung S-H, et al. 2000. Environmentally relevant xenoestrogen tissue concentrations correlated to biological responses in mice. *Environ Health Perspect* 108(10):973-977.
- *Unger M, Kiaer H, Blichert-Toft M, et al. 1984. Organochlorine compounds in human breast fat from deceased with and without breast cancer and in a biopsy material from newly diagnosed patients undergoing breast surgery. *Environ Res* 34:24-28.
- *Unger M, Olsen J, Clausen J. 1982. Organochlorine compounds in the adipose tissue of deceased persons with and without cancer: A statistical survey of some potential confounders. *Environ Res* 29:371-376.
- *Uppal R, Garg B, Ahmad A. 1983. Effect of malathion and DDT on the action of chlorpromazine and diazepam with reference to conditioned avoidance response in rats. *Indian J Exp Biol* 21:254-257.
- Uppal R, Garg B, Ahmad A. 1984. Neurologic effects of malathion and DDT. *Indian Vet J* 61:201-210.
- *U.S. Fish and Wildlife Service. 1963. Pesticide-wildlife studies: a review Fish and Wildlife Service investigations during 1961 and 1962. Washington, DC: U.S. Fish and Wildlife Service. Circular 167, 74-96.
- *U.S. Fish and Wildlife Service. 1965. Effects of pesticides in fish and wildlife. Washington, DC: U.S. Fish and Wildlife Service. Circular 226.
- *U.S. Fish and Wildlife Service. 1975. Lethal dietary toxicities of environmental pollutants to birds. Special Scientific Report –Wildlife No. 191. Washington, DC: U.S. Fish and Wildlife Service, Department of the Interior.

9. REFERENCES

- *U.S. Fish and Wildlife Service. 1984. Handbook of toxicity of pesticides to wildlife. 2nd ed. Washington, DC: U.S. Fish and Wildlife Service, Department of the Interior. Resource publication 153.
- *USC. 2001. Hazardous air pollutants. United States Code. 42 USC 7412. <http://www4.law.cornell.edu/uscode/42/7412.text.html>. November 29, 2001.
- *USDA. 2001. Labeling treated seed. United States Department of Agriculture. Code of Federal Regulations. 7 CFR 201.31a©(2). <http://frwebgate.access.gpo.gov/cgi-bin/...PART=201&SECTION=31a&YEAR=2001&TYPE=TEXT>. September 24, 2001.
- *USGS. 1999. U.S. Geological Survey. The quality of our nation's waters: Nutrients and pesticides. Reston, VA: U.S. Department of the Interior, U.S. Geological Survey Circular 1225.
- Vancheeswaran S, Hyman MR, Semprini L. 1999. Anaerobic biotransformation of trichlorofluoroethane in groundwater microsm. *Environ Sci Technol* 33:2040-2045.
- *Vangilder LD, Peterie TJ. 1980. South Louisiana crude oil and DDE in the diet of mallard hens: Effects on reproduction and duckling survival. *Bull Environ Contam Toxicol* 25:23-28.
- *Van Metre P, Callender E. 1997. Water quality trends in White Rock Creek Basin from 1912-1994 identified using sediment cores from White Rock Lake Reservoir, Dallas, Texas. *Journal of Paleolimnology* 17:239-249.
- *Van Metre P, Callender E, Fuller C. 1997. Historical trends in organochlorine compounds in river basins identified using sediment cores from reservoirs. *Environ Sci Technol* 31:2339-2344.
- *van't Veer P, Lobbezoo I, Martin-Moreno J, et al. 1997. DDT (dicophane) and postmenopausal breast cancer in Europe: A case-control study. *Br Med J* 315:81-85.
- *Van Velzen A, Kreitzer. 1975. The toxicity of p,p'-DDT to the clapper rail. *J Wildl Manage* 39(2):305-309.
- *Van Wendel de Joode B, Wesseling C, Kromhout H, et al. 2001. Chronic nervous-system effects of long-term occupational exposure to DDT. *Lancet* 357:1014-1016.
- *Veith G, DeFoe D, Bergstedt B. 1979. Measuring and estimating the bioconcentration factor of chemicals in fish. *J Fish Res Board Can* 36:1040-1048.
- *Velbinger H. 1947a. [On the question of DDT toxicity of man.] *Dtsch Gesundheitwes* 2:355-358. (German)
- *Velbinger H. 1947b. [Contribution to the toxicology of "DDT"-agent, dichlorodiphenyl-trichloromethylmethane.] *Pharmazie* 2:268-274. (German)
- *Venkatesan, MI. 1996. DDTs and dumpsite in the Santa Monica Basin, California. *Sci Total Environ* 179:61-71.
- *Verma A, Pillai MKK. 1991a. Bioavailability of soil-bound residues of DDT and HCH to certain plants. *Soil Biol Biochem* 23(4):347-351.

9. REFERENCES

- *Verma A, Pillai MKK. 1991b. Bioavailability of soil-bound residues of DDT and HCH to earthworms. *Curr Sci* 61(12):840-843.
- *Verschuere K, ed. 1983. *Handbook of environmental data on organic chemicals*. 2nd ed. New York, NY: Van Nostrand Reinhold Company, 433-445.
- *Vetter W, Luckas B, Heidemann G, et al. 1996. Organochlorine residue in marine mammals from the Northern hemisphere-A consideration of the composition of organochlorine residues in the blubber of marine mammals. *Sci Total Environ* 186:29-39.
- Vieira EDR, Torres PM, Malm O. 2001. DDT environmental persistence from its use in a vector program: A case study. *Environ Res A* 86:174-182.
- *Vieira I, Sonnier M, Cresteil T. 1996. Developmental expression of CYP2E1 in the human liver: Hypermethylation control of gene expression during the neonatal period. *Eur J Biochem* 238:476-483.
- *Vine MF, Stein L, Weigle K, et al. 2000. Effects on the immune system associated with living near a pesticide dump site. *Environ Health Perspect* 108(12):1113-1124.
- *Vine MF, Stein L, Weigle K, et al. 2001. Plasma 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene, (DDE) levels and immune response. *Am J Epidemiol* 153(1):53-63.
- *Vollner L, Klotz D. 1994. Behaviour of DDT under laboratory and outdoor conditions in Germany. *J Environ Sci Health B29*(1):161-167.
- *vom Saal FS, Nagel SC, Palanza P, et al. 1995. Estrogenic pesticides: Binding relative to estradiol in MCF-7 cells and effects of exposure during fetal life on subsequent territorial behaviour in male mice. *Toxicol Lett* 77:343-350.
- *Waliszewski S, Szymczynski G. 1983. Determination of selected chlorinated pesticides, bound and free, in human semen. *Arch Environ Contam Toxicol* 12:577-580.
- Waliszewski SM, Aguirre AA, Infanzon RM. 1999. Levels of organochlorine pesticides in blood serum and umbilical blood serum of mothers living in Veracruz, Mexico. *Fresenius Environ Bull* 8:171-178.
- *Waliszewski SM, Aguirre AA, Infanzon RM, et al. 2000. Partitioning coefficients of organochlorine pesticides between mother blood serum and umbilical blood serum. *Bull Environ Contam Toxicol* 65:293-299.
- *Waliszewski SM, Aguirre AA, Infanzon RM, et al. 2001. Organochlorine pesticide levels in maternal adipose tissue, maternal blood serum, umbilical blood serum, and milk from inhabitants of Veracruz, Mexico. *Arch Environ Contam Toxicol* 40:432-438.
- *Walker A, Thorpe E, Stevenson D. 1972. The toxicology of dieldrin (HEOD). I. Long-term oral toxicity studies in mice. *Food Cosmet Toxicol* 11:415-432.
- Waller DP, Presperin C, Drum ML, et al. 1996. Great Lakes fish as a source of maternal and fetal exposure to chlorinated hydrocarbons. *Toxicol Ind Health* 12(3/4):335-345.
- *Wang J, Simpson K. 1996. Accumulation and depuration of DDTs in the food chain from *Artemia* to brook trout (*Salvelinus fontinalis*). *Bull Environ Contam Toxicol* 56:888-895.

9. REFERENCES

- Wang T, Johnson R, Bricker J. 1979. Residues of polychlorinated biphenyls and DDT in water and sediment of the St. Lucie Estuary, Florida, 1977. *Pestic Monit J* 13(2):69-71.
- Wang T, Johnson R, Bricker J. 1980. Residues of polychlorinated biphenyls and DDT in water and sediment of the Indian River Lagoon, Florida, 1977-78. *Pestic Monit J* 13:141-144.
- *Wania F, MacKay D. 1993. Global fractionation and cold condensation of low volatility organochlorine compounds in polar regions. *Ambio* 22:10-18
- *Ward EM, Schulte P, Grajewski B, et al. 2000. Serum organochlorine levels and breast cancer: A nested case-control study of Norwegian women. *Cancer Epidemiol Biomarkers Prev* 9:1357-1367.
- Ware G. 1980. Effects of pesticides on nontarget organisms. *Residue Reviews* 76:173-201.
- *Ware G, Good E. 1967. Effects of insecticides on reproduction in the laboratory mouse: II. Mirex, telodrin, and DDT. *Toxicol Appl Pharmacol* 10:54-61.
- *Ware GW, Crosby DG, Giles JW. 1980. Photodecomposition of DDA. *Arch Environ Contam Toxicol* 9:135-146.
- *Ware G, Estes B, Buck N, et al. 1978. DDT moratorium in Arizona- agricultural residues after seven years. *Pestic Monit J* 12(1):1-3.
- Warnick S. 1972. Organochlorine pesticide levels in human serum and adipose tissue, Utah- fiscal years 1967-71. *Pestic Monit J* 6(1):9-13.
- *Wassermann M, Noguiera DP, Tomatis L, et al. 1976. Organochlorine compounds in neoplastic and adjacent apparently normal breast tissue. *Bull Environ Contam Toxicol* 15(4):478-484.
- *Wassermann M, Rapolt M, Bercovici, et al. 1982. Premature delivery and organochlorine compounds: Polychlorinated biphenyls and some organochlorine insecticides. *Environ Res* 28:106-112.
- *Wassermann M, Wassermann D, Gershon Z, et al. 1969. Effects of organochlorine insecticides on body defense systems. *Ann NY Acad Sci* 160:393-401.
- Wassermann M, Wassermann D, Kedar E, et al. 1971. Immunological and detoxication interaction in *p,p*-DDT fed rabbits. *Bull Environ Contam Toxicol* 6(5):426-435.
- WDNR. 1987. Surface water quality criteria for toxic substances. Department of Natural Resources, Wisconsin. 1987. Order of the State of Wisconsin Natural Resources Board Repealing, Renumbering, Renumbering and Amending, Amending, Repealing and Recreating, and Creating Rules. Section 27, Chapter NR 105.
- *Webber EC, Bayne DR, Seesock WC. 1989. DDT contamination of benthic macroinvertebrates and sediments from tributaries of Wheeler Reservoir, Alabama. *Arch Environ Contam Toxicol* 18:728-733.
- *Westrand C, Norén K. 1997. Methylsulfonyl metabolites of PCBs and DDE in human tissues. *Environ Health Persp* 105:644-649
- *Westrand C, Norén K. 1998. Polychlorinated naphthalenes and other organochlorine contaminants in human adipose and liver tissue. *J Toxicol Environ Health Part A* 53:293-311.

9. REFERENCES

- *Welch R, Levin W, Conney A. 1969. Estrogenic action of DDT and its analogs. *Toxicol Appl Pharmacol* 14:358-367.
- *Wessel JR, Yess NJ. 1991. Pesticide residues in foods imported into the United States. *Rev Environ Contam Toxicology* 120:83-104.
- *West JR, Smith HW, Chasis H. 1948. Glomerular filtration rate, effective renal blood flow, and maximal tubular excretory capacity in infancy. *J Pediatr* 32:10-18.
- *Wester RC, Maibach HI, Bucks DA, et al. 1990. Percutaneous absorption of [¹⁴C]DDT and [¹⁴C]benzo[*a*]pyrene from soil. *Fundam Appl Toxicol* 15:510-516.
- *Westin JB, Richter E. 1990. The Israeli breast-cancer anomaly. *Ann N Y Acad Sci* :269-279.
- *Whitmore RW, Immerman FW, Camann DE, et al. 1994. Non-occupational exposures to pesticides for residents of two U.S. cities. *Arch Environ Contam Toxicol* 26:47-59.
- *WHO. 1979. DDT and its derivatives. Environmental Health Criteria 9. Geneva, Switzerland: World Health Organization.
- *WHO. 1989. International programme on chemical safety: Environmental health criteria 83: DDT and its derivatives - environmental aspects. Lyon, France: World Health Organization.
- *WHO. 2002. Guidelines for drinking water. DDT. World Health Organization. http://www.who.int/water_sanitation_health/GDWQ/Chemicals/ddsum.htm. January 02, 2002.
- *Wickstrom K, Pyysalo H, Siimes M. 1983. Levels of chlordane, hexachlorobenzene, PCB and DDT compounds in Finnish human milk in 1982. *Bull Environ Contam Toxicol* 31:251-256.
- *Widdowson EM, Dickerson JWT. 1964. Chapter 17: Chemical composition of the body. In: Comar CL, Bronner F, eds. *Mineral metabolism: An advanced treatise. Volume II: The elements Part A*. New York, NY: Academic Press, 2-247
- Wilcox A. 1967. USPH investigation, DDT health effects. Inter-Office Correspondence to M.V. Anthony, Stauffer Chemical Co. (As cited in WHO, 1979).
- *Williams G, Weisburger J. 1991. Chemical carcinogens. In: Amdur M, Doull J, Klaassen C, eds. *Casarett and Doull's toxicology: The basic science of poisons*. 4th edition. New York, NY: Pergamon Press, 127-200.
- *Williams S. 1984. Official methods of analysis. Association of Official Analytical Chemists, Inc., Arlington, VA.
- Willis G, Parr J, Smith S. 1971. Volatilization of soil-applied DDT and DDD from flooded and nonflooded plots. *Pestic Monit J* 4(4):240-248.
- Wilson D, Locker D, Ritzen C, et al. 1973. DDT concentrations in human milk. *Am J Dis Child* 125:814-817.
- *Wilson HR, Thompson NP, Roland DA. 1973. The effect of oral doses of DDT on various physiological parameters in the bobwhite laying hen. *Poult Sci* 52(5):2103.

9. REFERENCES

- *Wilson N, Shear N, Paustenbach D, et al. 1998. The effect of cooking practices on the concentration of DDT and PCB compounds in the edible tissue of fish. *J Expo Anal Environ Epidemiol* 8(3):423-440.
- Witorsch RJ. 2000. Endocrine disruption: A critical review of environmental estrogens from a mechanistic perspective. *Toxic Subst Mech* 19:53-78.
- *Wolfe H, Armstrong J. 1971. Exposure of formulating plant workers to DDT. *Arch Environ Health* 23:169-176.
- *Wolfe J, Esher R, Robinson K, et al. 1979. Lethal and reproductive effects of dietary mirex and DDT on old-field mice, *Peromyscus polionotus*. *Bull Environ Contam Toxicol* 21:397-402.
- *Wolfe MF, Seiber JN. 1993. Environmental activation of pesticides. *Occup Med* 8:561-573
- Wolff MS. 1999. Letter to the editor. *Arch Environ Contam Toxicol* 36:504.
- Wolff MS, Anderson HA. 1999. Correspondence re: J.M. Schildkraut et al., environmental contaminants and body fat distribution. *Cancer Epidemiol Biomark. Prev.*, 8:179-183, 1999. *Cancer Epidemiol Biomarkers Prev* 8:951-952.
- Wolff MS, Landrigan PJ. 2002. Organochlorine chemicals and children's health. *J Pediatr* 140:10-13.
- Wolff M, Anderson H, Selikoff I. 1982. Human tissue burdens of halogenated aromatic chemicals in Michigan. *JAMA* 247(15):2112-2116.
- Wolff M, Aubrey B, Camper F, et al. 1978a. Relation of DDE and PBB serum levels in farm residents, consumers, and Michigan Chemical Corporation employees. *Environ Health Perspect* 23:177-181.
- *Wolff MS, Berkowitz GS, Brower S, et al. 2000a. Organochlorine exposures and breast cancer risk in New York City women. *Environ Res A* 84:151-161.
- Wolff M, Haymes N, Anderson H, et al. 1978b. Family clustering of PBB and DDE values among Michigan dairy farmers. *Environ Health Perspect* 23:315-319.
- *Wolff MS, Toniolo P, Lee EW, et al. 1993. Blood levels of organochlorine residues and risk of breast cancer. *J Natl Cancer Inst* 85(8):648-652.
- *Wolff MS, Zeleniuch-Jacquotte A, Dubin N, et al. 2000b. Risk of breast cancer and organochlorine exposure. *Cancer Epidemiol Biomarkers Prev* 9:271-277.
- *Wong O, Brocker W, Davis H, et al. 1984. Mortality of workers potentially exposed to organic and inorganic brominated chemicals, DBCP, TRIS, PBB, and DDT. *Br J Ind Med* 41:15-24.
- Woodruff T, Wolff MS, Davis DL, et al. 1994. Organochlorine exposure estimation in the study of cancer etiology. *Environ Res* 65:132-144.
- *Woodward AR, Percival HF, Jennings ML, et al. 1993. Low clutch viability of American alligators on Lake Apopka. *Fla Sci* 56(1):52-62.
- *Woodwell G, Craig, P, Johnson H. 1971. DDT in the biosphere: Where does it go? *Science* 174:1101-1107.

9. REFERENCES

- *Woolcott CG, Aronson KJ, Hanna WM, et al. 2001. Organochlorines and breast cancer risk by receptor status, tumor size, and grade (Canada). *Cancer Causes Control* 12:395-404.
- Woolley D. 1970. Effects of DDT and of drug-DDT interactions on electroshock seizures in the rat. *Toxicol Appl Pharmacol* 16:521-532.
- Woolley D. 1973. Studies on 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane (DDT)-induced hyperthermia: Effects of cold exposure and aminopyrine injections. *J Pharmacol Exp Ther* 184(1):261-268.
- *Woolley D, Talens G. 1971. Distribution of DDT, DDD, and DDE in tissues of neonatal rats and in milk and other tissues of mother rats chronically exposed to DDT. *Toxicol Appl Pharmacol* 18:907-916.
- *Wooten M, King D. 1993. Adrenal cortical carcinoma: Epidemiology and treatment with mitotane and a review of the literature. *Cancer* 72(11):3145-3155.
- *Wrenn T, Weyant J, Fries G, et al. 1971. Effect of several dietary levels of *o,p'*-DDT on reproduction and lactation in the rat. *Bull Environ Contam Toxicol* 6(5):471-480.
- *Wright S, Zhong J, Larrick J. 1994. Inhibition of apoptosis as a mechanism of tumor promotion. *FASEB J* 8:654-660.
- Xu-Qing W, Peng-Yuan G, Yuan-Zhen L, et al. 1988. Studies on hexachlorocyclohexane and DDT contents in human cerumen and their relationships to cancer mortality. *Biomed Environ Sci* 1:138-151.
- *Yagüe C, Bayarri S, Lázaro R, et al. 2001. Multiresidue determination of organochlorine pesticides and polychlorinated biphenyls in milk by gas chromatography with electron-capture detection after extraction by matrix solid-phase dispersion. *J AOAC Int* 84:1561-1568.
- Yau E, Mennear J. 1977. The inhibitory effect of DDT on insulin secretion in mice. *Toxicol Appl Pharmacol* 39:81-88.
- *Yess N, Gunderson E, Roy R. 1993. U.S. Food and Drug Administration monitoring of pesticide residues in infant foods and adult foods eaten by infants/children. *J Assoc Off Anal Chem* 76(3):492-507.
- *Yoder J, Watson M, Benson W. 1973. Lymphocyte chromosome analysis of agricultural workers during extensive occupational exposure to pesticides. *Mutat Res* 21:335-340.
- Yoon HR, Cho SY, Kim JM, et al. 1999. Analysis of multi-component pesticide residues in herbal medicines by GC-MS with electron impact ionization and with positive- and negative-ion chemical ionization. *Chromatographia* 49(9/10):525-534.
- You G, Sayles GD, Kupferle MJ, et al. 1996. Anaerobic DDT biotransformation: Enhancement by application of surfactants and low oxidation reduction potential. *Chemosphere* 32(11):2269-2284.
- *You L, Brennen KA, Heck Hd'A. 1999a. *In utero* exposure to antiandrogens alters the responsiveness of the prostate to *p,p'*-DDE in adult rats and may induce prostatic inflammation. *Toxicol Appl Pharmacol* 161:258-266.

9. REFERENCES

- *You L, Casanova M, Archibeque-Engle S, et al. 1998. Impaired male sexual development in perinatal Sprague-Dawley and Long-Evans hooded rats exposed *in utero* and lactationally to *p,p'*-DDE. *Toxicol Sci* 45:162-173.
- You L, Chan SK, Bruce JM, et al. 1999b. Modulation of testosterone-metabolizing hepatic cytochrome P-450 enzymes in developing Sprague-Dawley rats following *in utero* exposure to *p,p'*-DDE. *Toxicol Appl Pharmacol* 158:197-205.
- *You L, Gazi E, Archibeque-Engle S, et al. 1999c. Transplacental and lactational transfer of *p,p'*-DDE in Sprague-Dawley rats. *Toxicol Appl Pharmacol* 157:134-144.
- *You L, Sar M, Bartolucci E, et al. 2001. Induction of hepatic aromatase by *p,p'*-DDE in adult male rats. *Mol Cell Endocrinol* 178:207-214.
- Zabik ME, Zabik MJ, Booren AM, et al. 1995. Pesticides and total polychlorinated biphenyls in Chinook salmon and carp harvested from the Great Lakes: Effects of skin-on and skin-off processing and selected cooking methods. *J Agric Food Chem* 43:993-1001.
- *Zacharewski T. 1998. Identification and assessment of endocrine disrupters: Limitations of *in vivo* and *in vitro* assays. *Environ Health Perspect Suppl* 106(2):577-582.
- Zaidi S, Banerjee B. 1987. Enzymatic detoxication of DDT to DDD by rat liver: Effects of some inducers and inhibitors of cytochrome P-450 enzyme system. *Bull Environ Contam Toxicol* 38:449-455.
- Zaidi SA, Anthwal S, Sharma N, et al. 1994a. Interaction of DDT and malathion on the level of 5-hydroxytryptamine [5-HT] in rat brain. *Orient J Chem* 10(1):75-76.
- Zaidi SA, Sharma N, Singh VS. 1994b. Effect of DDT on gamma aminobutyric acid (GABA) in rat brain. *Orient J Chem* 10(1):71-72.
- *Zava D, Blen M, Duwe G. 1997. Estrogenic activity of natural and synthetic estrogens in human breast cells in culture. *Environ Health Perspect* 105(Suppl 3):637-645.
- *Zeng E, Yu C, Tran K. 1999. In situ measurements of chlorinated hydrocarbons in the water column off the Palos Verdes Peninsula, California. *Environ Sci Technol* 33:392-398.
- *Zepp RG, Wolfe NL, Azarraga LV, et al. 1977. Photochemical transformation of DDT and methoxychlor degradation products, DDE and DMDE, by sunlight. *Arch Environ Contam Toxicol* 6:305-314.
- *Zheng T, Holford TR, Mayne ST, et al. 1999. DDE and DDT in breast adipose tissue and risk of female breast cancer. *Am J Epidemiol* 150(5):453-458.
- *Zheng T, Holford TR, Mayne ST, et al. 2000. Risk of female breast cancer associated with serum polychlorinated biphenyls and 1,1-dichloro-2,2'-bis(*p*-chlorophenyl)ethylene. *Cancer Epidemiol Biomarkers Prev* 9:167-174.
- *Ziegler EE, Edwards BB, Jensen RL et al. 1978. Absorption and retention of lead by infants. *Pediatr Res* 12:29-34.

9. REFERENCES

Zimmerman LR, Thurman EM, Bastian KC. 2000. Detection of persistent organic pollutants in the Mississippi Delta using semipermeable membrane devices. *Sci Total Environ* 248:169-179.

*Zook C, Feng J. 1999. 1,1,1-trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT) pathway map. http://www.labmed.umn.edu/umbbd/ddt/ddt_map.html. June 23, 1999.

