

8. REFERENCES

- *Abbott BD, Birnbaum LS, Pratt RM. 1987. TCDD-induced hyperplasia of the ureteral epithelium produces hydronephrosis in murine fetuses. *Teratology* 55:329-334.
- *Addis G, Guertin J, Pellizzari E, et al. 1989. Interlaboratory comparison of PCDF and PCDD analysis in transformers and capacitors. *Chemosphere* 19:97-101.
- *Ahlborg UG, Brouwer A, Fingerhut MA, et al. 1992. Impact of polychlorinated dibenzo-*p*-dioxins, dibenzofurans, and biphenyls on human and environmental health, with special emphasis on application of the toxic equivalency factor concept. *Eur J Pharmacol* 228: 179-199.
- *Ahlborg UG, Waem F, Manzoor E, et al. 1989. Effects of combinations of PCDDs/PCDFs given to Sprague-Dawley rats. *Chemosphere* 18:283-289.
- *Albro PW, Crnmmtt WB, Dupuy Jr AE, et al. 1985. Methods for the quantitative determination of multiple specific polychlorinated dibenzo-*p*-dioxin and dibenzofuran isomers in human adipose tissue in the parts-per-trillion range: An interlaboratory study. *Anal Chem* 57(13):2717-2725.
- *Almemark M, Finnveden G, Frostell B. 1991. Treatment technologies for organochlorine-containing sludges and concentrates from external treatment of pulp and paper wastewaters. *Water Science and Technology* 24:319-329.
- *Amendola G, Bama D, Blosser R, et al. 1989. The occurrence and fate of PCDD and PCDFs in five bleached kraft pulp and paper mills. *Chemosphere* 18:1181-1188.
- *Ankley GT, Niemi GJ, Lodge KB, et al. 1993. Uptake of planar polychlorinated biphenyls and 2,3,7,8-substituted polychlorinated dibenzofurans and dibenzo-*p*-dioxins by birds nesting in the lower Fox River and Green Bay, Wisconsin, USA. *Arch Environ Contam Toxicol* 24:332-344.
- *Astroff B, Safe S. 1988. Comparative antiestrogenic activities of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and 6-methyl-1,3,8-trichlorodibenzofuran in female rat. *Toxicol Appl Pharmacol* 95:435-443.
- *Astroff B, Safe S. 1990. 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin as an antiestrogen: Effect on rat uterine peroxidase activity. *Biochem Pharmacol* 39:485-488.
- *Astroff B, Safe S. 1991. 6-Alkyl-1,3,8-trichlorodibenzofurans as antiestrogens in female Sprague-Dawley rats. *Toxicology* 69: 187-197.
- *Atkinson R. 1991. Atmospheric lifetimes of dibenzo-*p*-dioxins and dibenzofurans. *Science of the Total Environment* 104:17-33.
- *ATSDR. 1989. Decision guide for identifying substance-specific data needs related to toxicological profiles. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA.

8. REFERENCES

- *ATSDR. 1994. Draft toxicological profile for chlorinated dibenzo-*p*-dioxins (CDDs). U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA.
- *ATSDR. 1993. Toxicological profile for polychlorinated biphenyls. U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, Atlanta, GA.
- *Aust SD. 1984. On the mechanism of anorexia and toxicity of TCDD and related compounds. In: Poland A, Kimbrough RD, eds. Banbury Report 18. Cold Spring Harbor Laboratory, 309-319.
- *Ballschmiter K, Buchert H, Niemczyk R, et al. 1986. Automobile exhausts versus municipal-waste incineration as sources of the polychloro-dibenzodioxins (PCDD) and -furans (PCDF) found in the environment. *Chemosphere* 15:901-915.
- Bandiera S, Farrel K, Mason G, et al. 1984a. Comparative toxicities of the polychlorinated dibenzofuran (PCDF) and biphenyl (PCB) mixtures which persist in Yusho victims. *Chemosphere* 13:4:507-512.
- *Bandiera S, Sawyer T, Romkes M, et al. 1984b. Polychlorinated dibenzofurans (PCDFs): Effects of structure on binding to the 2,3,4,7,8-TCDD cytosolic receptor protein, AHH induction and toxicity. *Toxicol* 32:131-144.
- *Banks YB, Brewster DW, Bimbaum LS. 1990. Age-related changes in dermal absorption of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and 2,3,4,7,8-pentachlorodibenzofuran. *Fundam Appl Toxicol* 15:163-173.
- *Bannister R, Safe S. 1987. The effects of receptor antagonists on the AHH induction activity of 2,3,7,8-TCDD in C57BW6 and DBA/2 mice: 1,3,6,8-Tetrachlorodibenzofuran. *Chemosphere* 16:1739-1742.
- Barnes DG. 1989. Characterization of the risks posed by CDDs and CDFs. In: Proceedings of the 7th Chlorinated Dioxins and Related Compounds International Symposium, Las Vegas, Nevada, October 4-9, 1987. *Chemosphere* 18:33-40.
- *Barnes DG. 1991. Toxicity equivalents and EPA's risk assessment of 2,3,7,8-TCDD. *The Science of the Total Environment* 104:73-86.
- *Barnes DG, Dourson M. 1988. Reference dose (RfD): Description and use in health risk assessments. *Regul Toxicol Pharmacol* 8:471-486.
- *Barton DA, McKeown JJ, Brunck R. 1990. A screening study of the treatability of dioxins and furans in bleach plant filtrates and mill wastewaters. *Chemosphere* 20:1747-1754.
- *Beard A, Naikwadi K, Karasek FW. 1992. Comparison of extraction methods for polychlorinated dibenzo-*p*-dioxins and dibenzofurans in fly ash using gas chromatography-mass spectrometry. *J Chromatogr* 589:265-270.

8. REFERENCES

- *Beck H, Drob A, Mathar W. 1992. Dependence of PCDD and PCDF levels in human milk on various parameters in Germany II. *Chemosphere* 25:1015-220.
- *Beck H, Dross A, Mathar W, et al. 1990. Influence of different regional emissions and cardboard containers on levels of PCDD, PCDF and related compounds in cow milk. *Chemosphere* 21:789-798.
- *Beck H, Dross A, Kleemann WJ, et al. 1990. PCDD and PCDF concentrations in different organs from infants. *Chemosphere* 20:903-910.
- *Beck H, Eckart K, Mathar W, et al. 1989. Levels of PCDDs and PCDFs in adipose tissue of occupationally exposed workers. *Chemosphere* 18:507-516.
- *Bellin JS, Barnes DG. 1991. Health hazard assessment for chlorinated dioxins and dibenzofurans other than 2,3,7,8-TCDD. In: Mehlman MA, ed. *Advances in modern environmental toxicology. Vol XIX: Health hazards and risks from exposure to complex mixtures and air toxic chemicals*. Princeton, NJ: Scientific Publishing Co., Inc., 223-235.
- *Bicking MKL, Wilson RL. 1991. High-performance size exclusion chromatography in environmental method development: An automated procedure for determination of dioxins and furans. *Chemosphere* 22:437-454.
- *Birmingham B, Gilman A, Grant D, et al. 1989b. PCDD-PCDF multimedia exposure analysis for the Canadian population detailed exposure estimation. *Chemosphere* 19:637-642.
- *Birmingham B, Thorpe B, Frank R, et al. 1989a. Dietary intake of PCDD and PCDF from food in Ontario, Canada. *Chemosphere* 19:507-512.
- *Birnbaum LS. 1985. The role of structure in the disposition of halogenated aromatic xenobiotics. *Environ Health Perspect* 61: 11-20.
- *Birnbaum LS, Decad GM, Matthews HB. 1980. Disposition and excretion of 2,3,7,8-tetrachlorodibenzofuran in the rat. *Toxicol Appl Pharmacol* 55:342-352.
- *Birnbaum LS, Decad GM, Matthews HB, et al. 1981. Fate of 2,3,7,8-tetrachlorodibenzofuran in the monkey. *Toxicol Appl Pharmacol* 57:189-196.
- *Birnbaum LS, Harris MW, Barnhart ER. 1987a. Teratogenicity of three polychlorinated dibenzofurans in C57BL/6N mice. *Toxicol Appl Pharmacol* 90:206-216.
- *Birnbaum LS, Harris MW, Crawford DD, et al. 1987b. Teratogenic effects of polychlorinated dibenzofurans in combination in C57BL/6N mice. *Toxicol Appl Pharmacol* 91:246-255.
- *Bobet E, Berard MF, Dann T. 1990. The measurement of PCDD and PCDF in ambient air southwestern Ontario. *Chemosphere* 20:1439-1445.
- *Boenke A, Ballschmiter K. 1989. Formation of polychlorinated dibenzofurans in the pyrolysis of chlorinated fluorenones and 9,10-anthraquinones at 400°C. *Fresenius Z Anal Chem* 333:723-724.

8. REFERENCES

- *Bonafanti L, Cioni M, Rossi C. 1990. Evaluation of PCDD/PCDF emission from the combined combustion of RDF with coal. *Chemosphere* 20: 1891-1897.
- *Bopp RF, Gross ML, Tong H, et al. 1991. A major incident of dioxin contamination: Sediments of New Jersey estuaries. *Environmental Science and Technology* 25:951-956.
- *Borwitzky H, Schramm KW. 1991. Reduction of dioxin concentrations on contaminated surfaces. *Chemosphere* 22:485-493.
- *Bowes CW, Mulvihill MJ, Simoneit BR, et al. 1975a. Identification of chlorinated dibenzofurans in American polychlorinated biphenyls. *Nature* 256:305-307.
- *Bowes GW, Mulvihill MJ, DeCamp MR, et al. 1975b. Gas chromatographic characteristics of authentic chlorinated dibenzofurans; identification of two isomers in American and Japanese polychlorinated biphenyls. *J Agric Food Chem* 23 : 1222- 1223.
- Bradlaw JA, Casterline Jr JL. 1979. Induction of enzyme activity in cell culture: A rapid screen for detection of planar polychlorinated organic compounds. *J Assoc Off Anal Chem* 62:904-916.
- *Bradley JC, Nichols AW, Bonaparte K, et al. 1990. Interlaboratory testing study on 2,3,7,8-substituted polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran isomer standard solutions. *Chemosphere* 20:487-493.
- *Brewster DW, Birnbaum LS. 1987. Disposition and excretion of 2,3,4,7,8-pentachlorodibenzofuran in the rat. *Toxicol Appl Pharmacol* 90:243-252.
- *Brewster DW, Birnbaum LS. 1988. Disposition of 1,2,3,7,8-Pentachlorodibenzofuran in the rat. *Toxicol Appl Pharmacol* 95:490-498.
- *Brewster DW, Banks YB, Clark AM, et al. 1989. Comparative dermal absorption of 2,3,7,8-tetrachlorodibenzo-p-dioxin and three polychlorinated dibenzofurans. *Toxicol Appl Pharmacol* 97:156-166.
- *Brewster DW, Uraih LC, Birnbaum LS. 1988. The acute toxicity of 2,3,4,7,8-pentachlorodibenzofuran (4PeCDF) in the male Fischer rat. *Fundam Appl Toxicol* 11:236-249.
- *Broman D, Naf C, Rolff C, et al. 1992. Using ratios of stable nitrogen isotopes to estimate bioaccumulation and flux of polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in two food chains from the northern Baltic. *Environmental Toxicology and Chemistry* 11:331-345.
- *Brown JF, Lawton RW. 1984. Polychlorinated biphenyl (PCB) partitioning between adipose tissue and serum. *Bull Environ Contam Toxicol* 33:277-280.
- *Brown MM, McCready TL, Bunce NJ. 1992. Factors affecting the toxicity of dioxin-like toxicants: A molecular approach to risk assessment of dioxins. *Toxicol Lett* 61:141-147.
- *Brna TG, Kilgroe JD. 1990. Control of PCDD-PCDF emissions from municipal waste combustion systems. *Chemosphere* 20:1875-1882.

8. REFERENCES

- *Bumb RR, Crummett WB, Cutie SS, et al. 1980. Trace chemistries of fire: A source of chlorinated dioxins. *Science* 210:385-390.
- Burka LT, Overstreet D. 1989. Synthesis of possible metabolites of 2,3,7,8-tetrachlorodibenzofuran. *J Agric Food Chem* 37:1528-1532.
- *Burka LT, McGown SR, Tomer, KB. 1990. Identification of the biliary metabolites of 2,3,7,8-tetrachlorodibenzofuran in the rat. *Chemosphere* 21: 123 1-1242.
- *Burkhard LP, Kuehl DW. 1986. N-octanol/water partition coefficients by reverse phase liquid chromatography/mass spectrometry for eight tetrachlorinated planar molecules. *Chemosphere* 15: 163-167.
- *Buser HR. 1976. Preparation of qualitative standard mixtures of polychlorinated dibenzo-*p*-dioxins and dibenzofurans by ultraviolet and gamma radiation of the octachloro compounds. *J Chromatogr* 129:303-307.
- *Buser HR. 1991. Review of methods of analysis for polychlorinated dibenzodioxins and dibenzofurans. *IARC Sci Publ* 11(108):105-146.
- *Buser HR, Rappe C. 1979. Formation of polychlorinated dibenzofurans (PCDFs) from the pyrolysis of individual PCB isomers. *Chemosphere* 3:157-174.
- *Buser HR, Rappe C, Bergqvist PA. 1985. Analysis of polychlorinated dibenzofurans, dioxins and related compounds in environmental samples. *Environ Health Perspect* 60:293-302.
- *Campin DN, Buckland SJ, Hannah DJ, et al. 1991. The identification of dioxin sources in an integrated wood processing facility. *Water Science and Technology* 24:65-74.
- *Carsch S, Thoma H, Hutzinger O. 1986. Leaching of polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans from municipal waste incinerator fly ash by water and organic solvents. *Chemosphere* 15: 1927- 1930.
- *CDC/ATSDR. 1990. Biomarkers of organ damage or dysfunction for the renal, hepatobiliary and immune system. Atlanta, GA: CDC/ATSDR Subcommittee on Biomarkers of Organ Damage and Dysfunction, Centers for Disease Control, Agency for Toxic Substances and Disease Registry. Summary report, August 27, 1990.
- *Chang KJ, Lu FJ, Tung TC, et al. 1980. Studies on patients with polychlorinated biphenyl poisoning. 2. Determination of urinary coproporphyrin, uroporphyrin, γ -aminolevulinic acid and porphobilinogen. *Res Commun Chem Pathol Pharmacol* 30:547-554.
- *Chang KJ, Hsieh KH, Lee TP, et al. 1981. Immunologic evaluation of patients with polychlorinated biphenyl poisoning: Determination of lymphocyte subpopulations. *Toxicol Appl Pharmacol* 61:58-63.
- *Chang KJ, Hsieh KH, Lee TP, et al. 1982a. Immunologic evaluation of patients with polychlorinated biphenyl poisoning: Determination of phagocyte Fc and complement receptors. *Environ Res* 28:329-334.

8. REFERENCES

- *Chang KJ, Hsieh KH, Tang SY, et al. 1982b. Immunologic evaluation of patients with polychlorinated biphenyl poisoning: Evaluation of delayed-type skin hypersensitive response and its relation to clinical studies. *J Toxicol Environ Health* 9:217-223.
- *Chang RR, Jarman WM, King CC, et al. 1990. Bioaccumulation of PCDDs and PCDFs in food animals. III. A rapid cleanup of biological material using reverse-phase adsorbent columns. *Chemosphere* 20:881-886.
- *Charles MJ, Tondeur Y. 1990. Choosing between high-resolution mass-spectrometry and massspectrometry/mass spectrometry-environmental applications. *Environmental Science and Technology* 24:1856-1860.
- *Chen PH, Hsu S-T. 1986. PCB poisoning from toxic rice-bran oil in Taiwan. In: Waid JS, ed. *PCBs and the environment*, vol 3. Boca Raton, FL: CRC Press, 27-38.
- *Chen RC, Tang SY, Miyata H, et al. 1985a. Polychlorinated biphenyl poisoning: Correlation of sensory and motor nerve conduction, neurologic symptoms, and blood levels of polychlorinated biphenyls, quaterphenyls, and dibenzofurans. *Environmental Research* 37:340-348.
- *Chen PH, Wong CK, Rappe C, et al. 1985b. Polychlorinated biphenyls, dibenzofurans and quaterphenyls in toxic rice-bran oil and in the blood and tissues of patients with PCB poisoning Yu-Cheng in Taiwan. *Environ Health Perspect* 59:59-65.
- *Chen Y-CJ, Guo Y-L, Hsu C-C, et al. 1992. Cognitive-development of Yu-cheng (oil disease) children prenatally exposed to heat-degraded PCBS. *JAMA* 268:3213-3218.
- *Chia LG, Chu FL 1984. Neurological studies on polychlorinated biphenyl (PCB)-poisoned patients. *Am J Ind Med* 5:117-126.
- *Chia LG, Chu FL. 1985. A clinical and electrophysiological study of patients with polychlorinated biphenyl poisoning. *J Neurol Neurosurg Psychiatry* 48:894-901.
- *Choudhry GG, Hutzinger O. 1982. Mechanistic aspects of the thermal formation of halogenated organic compounds including polychlorinated dibenzo-p-dioxins 2. Thermochemical generation and destruction of dibenzofurans and dibenzo-p-dioxins. *Environmental Toxicology and Chemistry* 5:67-93.
- *Choudhry GG, Sundstrom G, Ruzo LO, et al. 1977. Photochemistry of chlorinated diphenyl ethers. *J Agric Food Chem* 25:1371-1376.
- *Christmann W, Kasiske D, Klöppel KD, et al. 1989a. Combustion of polyvinylchloride an important source for the formation of PCDD-PCDF. *Chemosphere* 19:387-392.
- *Christmann W, Klijpel KD, Partscht H, et al. 1989b. PCDDiPCDF and chlorinated phenols in wood preserving formulations for household use. *Chemosphere* 18:861-865.
- *Christmann W, Kloppel D, Partscht, et al. 1989. Tetrachlorobenzoquinones a source of PCDDPCDF. *Chemosphere* 18:789-792.

8. REFERENCES

- *Clark KE, Mackay D. 1991. Dietary uptake and biomagnification of four chlorinated hydrocarbons by guppies. *Environmental Toxicology and Chemistry* 10: 1205-1217.
- *Clement RE, Suter SA, Reiner E, et al. 1989a. Concentrations of chlorinated dibenzo-*p*-dioxins and dibenzofurans in effluents and centrifuged particles from Ontario pulp and paper mills. *Chemosphere* 19:649-654.
- *Clement RE, Suter SA, Tosine HM. 1989c. Analysis of large volume water samples near chemical dump sites using the aqueous phase liquid extractor (APLE). *Chemosphere* 18:133-140.
- *Clement RE, Tashiro C, Suter S, et al. 1989b. Chlorinated dibenzo-*p*-dioxins (CDDS) and dibenzofurans (CDFs) in effluents and sludges from pulp and paper mills. *Chemosphere* 18:1189-1197.
- *Clement RE, Tosine HM, Ali B. 1985. Levels of polychlorinated dibenzo-*p*-dioxin and dibenzofuran in woodburning stoves and fireplaces. *Chemosphere* 14:815-819.
- *Clement RE, Tosine HM, Osborne J, et al. 1987. Emissions of chlorinated organics from a municipal sewage sludge burning incinerator. *Chemosphere* 16:1895-1900.
- *Clement RE, Tosine HM, Taguchi V, et al. 1987. Investigation of American lobster, *Homarus americanus*, for the presence of chlorinated dibenzo-*p*-dioxins and dibenzofurans. *Bull Environ Contam Toxicol* 39:1069-1075.
- *Couture LA, Harris MW, Birnbaum LS. 1989. Developmental toxicity of 2,3,7,8-pentachlorodibenzofuran in the Fischer 344 rat. *Fundam Appl Toxicol* 12:358-366.
- *Crandall MS, Kinnes GM, Hartle RW. 1992. Levels of chlorinated dioxins and furans in 3 occupational environments. *Chemosphere* 25:255-258.
- *Creaser CS, Al-Haddad A. 1989. Fractionation of polychlorinated biphenyl, polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans on porous graphitic carbon. *Anal Chem* 61:1300-1302.
- *CRIS/USDA. 1991. Current Research Information System. U.S. Department of Agriculture, Washington, DC. February 1992.
- Crosby DG, Moilanen KW, Wong AS. 1973. Environmental generation and degradation of dibenzodioxins and dibenzofurans. *Environ Health Perspect* 5:259-266.
- *Czuczwa JM, Hites RA. 1986a. Sources and fate of PCDD and PCDF. *Chemosphere* 15:1417-1420.
- *Czuczwa JM, Hites RA. 1986b. Airborne dioxins and dibenzofurans: Sources and fates, *Environmental Science and Technology* 20: 195-200.
- *Czuczwa J, Katona V, Pitts G, et al. 1989. Analysis of fog samples for PCDD and PCDF. *Chemosphere* 18:847-850.

8. REFERENCES

- *Czuczwa JM, Niessen F, Hites RA. 1985. Historical record of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in Swiss lake sediments. *Chemosphere* 14: 1175-1179.
- *Davis D, Safe S. 1988. Immunosuppressive activities of polychlorinated dibenzofuran congeners: Quantitative structure-activity relationships and interactive effects. *Toxicol Appl Pharmacol* 94:141-149.
- *Decad GM, Birnbaum LS, Matthews HB. 1981a. 2,3,7,8-tetrachlorodibenzofuran tissue distribution and excretion in guinea pig. *Toxicol Appl Pharmacol* 57:231-240.
- *Decad GM, Birnbaum LS, Matthews HB. 1981b. Distribution and excretion of 2,3,7,8-tetrachlorodibenzofuran in C57BW6J and DBA/2J mice. *Toxicol Appl Pharmacol* 59:564-573.
- *De Jongh J, Belfroid A, Sinnige T, et al. 1992. Disposition, elimination and enzyme induction of 1,2,3,7,8-PnCDD, 1,2,3,6,7,8-HxCDD and 2,3,4,7,8-PnCDF in the liver of the mouse after a single oral dose *Chemosphere* 25:1851-1859.
- *Denison MS, Fisher JM, Whitlock Jr JP. 1989. Protein-DNA interactions at recognition sites for the dioxin-Ah receptor complex. *J Biol Chem* 264: 16478- 16482.
- *De Vault D, Dunn W, Bergqvist PA, et al. 1989. Polychlorinated dibenzofurans and polychlorinated dibenzo-*p*-dioxins in Great Lakes fish: A baseline and interlake comparison. *Environmental Toxicology and Chemistry* 8:1013-1022.
- *De Vito MJ, Maier WE, Diliberto JJ, et al. 1993. Comparative ability of various PCBs, PCDFs, and TCDD to induce cytochrome P450 1A1 and 1A2 activity following 4 weeks of treatment. *Fundam Appl Toxicol* 20: 125- 130.
- *des Rosiers PE. 1983. Remedial measures for wastes containing polychlorinated dibenzo-*p*-dioxins (PCDDs) and dibenzofurans (PCDFs): Destruction, containment or process modification. *Annals of Occupational Hygiene* 27:57-72.
- *des Rosiers PE. 1986. Methodologies for materials contaminated with PCDDs and related compounds. *Chemosphere* 15:1513-1528.
- *des Rosiers PE. 1987. National dioxin study. *ACS Symposium Series* no. 338, 34-53.
- *des Rosiers PE, Lee A. 1986. PCBs fires: Correlation of chlorobenzene isomer and PCB Homolog contents of PCB fluids with PCDD and PCDF contents of soot. *Chemosphere* 15: 1313-1323.
- *Dewailly E, Weber JP, Gingras S, et al. 1991. Coplanar PCBs in human milk in the province of Quebec, Canada: Are they more toxic than dioxin for breast fed infants. *Bull Environ Contam Toxicol* 47:491-498.
- *Dickerson R, Howie L, Davis D, et al. 1990. The structure-dependent effects of heptachlorodibenzofuran isomers in male C57BL/6 mice: Immunotoxicity and monooxygenase enzyme induction. *Fundam Appl Toxicol* 15:298-307.

8. REFERENCES

- *Donnelly JR, Munslow WD, Nunn NJ, et al. 1990. Improvements to method performance for environmental monitoring of dioxins and dibenzofurans. *Chemosphere* 20: 123-136.
- *Doucette WJ, Andren AW. 1988. Estimation of octanol/water partition coefficients: Evaluation of six methods for highly hydrophobic aromatic hydrocarbons. *Chemosphere* 17:345-359.
- *Doyle EA, Fries GF. 1986. Induction of Aryl Hydrocarbon Hydroxylase by chlorinated dibenzofurans in rats. *Chemosphere* 15: 1745- 1748.
- *Draper WM, Park H, Stephens RD. 1991. Determination of OCDD and OCDF in soils and biological samples by GC-ECD. In: Friedman D, ed. *Waste testing and quality assurance*, Vol. 3. American Society for Testing and Materials Special Technical Publication 1075, 87-105.
- *Drechsler WD. 1986. Destruction of PCDD-PCDF by non-thermal methods. *Chemosphere* 15:1529-1534.
- *Eadon G, Kaminsky L, Silkworth J, et al. 1986. Calculation of 2,3,7,8-TCDD equivalent concentrations of complex environmental contaminant mixtures. *Environ Health Perspect* 70:221-227.
- *Edgerton SA, Czuczwa JM, Rench JD, et al. 1989. Ambient air concentrations of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in Ohio: Sources and health risk assessment. *Chemosphere* 18:1713-1730.
- *Eitzer BD, Hites RA. 1988. Vapor pressures of chlorinated dioxins and dibenzofurans. *Environmental Science and Technology* 22: 1362- 1364.
- *Eitzer BD, Hites RA. 1989a. Atmospheric transport and deposition of polychlorinated dibenzop-dioxins and dibenzofurans. *Environmental Science and Technology* 23: 1396- 1401.
- *Eitzer BD, Hites RA. 1989b. Polychlorinated dibenzo-*p*-dioxins and dibenzofurans in the ambient atmosphere of Bloomington, Indiana. *Environmental Science and Technology* 23:1389-1395.
- *Elliott JE, Butler RW, Norstrom RJ, et al. 1989. Environmental Contaminants and reproductive success of great blue herons *Ardea herodias* in British Columbia, 1985-1987. *Environmental Pollution* 59:91-114.
- *Elferink CJ, Whitlock Jr, JP. 1990. 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin-inducible, Ah receptor-mediated bending of enhancer DNA. *J Biol Chem* 265:5718-5721.
- *Emmett EA. 1986. Toxic responses of the skin, Chapter 15. In: Casarett and Doull's toxicology: The basic science of poisons, 3rd ed. New York, NY: Macmillan Publishing Company, 427-428.
- *EPA. 1986a. Health assessment document for polychlorinated dibenzofurans. Cincinnati, Ohio. U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office. NTIS PB86-221256.
- *EPA. 1986b. Test method for evaluating solid waste. Physical/chemical methods. Washington, DC. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. 3rd Edition.

8. REFERENCES

- *EPA. 1988. Identification and listing of hazardous waste. U.S. Environmental Protection Agency. 40 CFR 261.33 and Appendix VIII. Fed Regist 45:33119.
- *EPA. 1989. NHATS broad scan analysis: population estimates from fiscal year 1982 specimens. Washington, DC. U.S. Environmental Protection Agency, Office of Toxic Substances. 560/5-90-001.
- *EPA. 1989. Interim procedures for estimating risks associated with exposure to mixtures of chlorinated dibenzo-*p*-dioxins and dibenzofurans (CDDs and CDFs) and 1989 update. Risk Assessment Forum. Washington, DC: U.S. Environmental Protection Agency. EPA 625/3-89/016. NTIS PB90-145756.
- *EPA. 1990a. Interim methods for development of inhalation reference doses. U.S. Environmental Protection Agency. EPA/600/8-90/066A.
- *EPA 1990b. Code of Federal Regulations. 40 CFR 264-341 and 40 CFR 261, App. VIII.
- *EPA 1991. Proposed regulation of land application of sludge from pulp and paper mills using chlorine and chlorine derivative bleaching processes. Fed Regist 56 (91):21802-21833.
- *Erickson MD. 1989. PCDFs and related compounds produced from PCB fires-a review. Chemosphere 19:161-165.
- *Fahrig R, Nilsson CA, Rappe C. 1978. Genetic activity of chlorophenols and chlorophenol impurities. Environmental Science and Research 12:325-338.
- *Farrell K, Safe L, Safe S. 1987. Synthesis and aryl hydrocarbon receptor binding properties of radiolabeled polychlorinated dibenzofuran congeners. Arch Biochem Biophys 259: 185- 195.
- *FEDRIP. 1992. Federal Research in Progress. Dialog Information Service, Inc., Palo Alto, CA. February 1992.
- *FEDRIP. 1993. Federal Research in Progress. Dialog Information Service, Inc., Palo Alto, CA. May 1993.
- *Firestone D. 1991. Determination of dioxins and furans in foods and biological tissues: review and update. J Assoc Off Anal Chem 74:375-384.
- *Fishbein L. 1992. Exposure from occupational versus other sources. Stand J Work Environ Health 18(Suppl 1):5-16.
- *Fitzgerald EF, Standfast SJ, Youngblood LG, et al. 1986. Assessing the health effects of potential exposure to PCBs, dioxins, and furans from electrical transformer fires: the Binghamton State Office Building Medical Surveillance Program. Arch Environ Health 41:368-376.
- *Fitzgerald EF, Weinstein AL, Youngblood LG, et al. 1989. Health effects three years after potential exposure to the toxic contaminants of an electrical transformer tire. Arch Environ Health 44:214-221,
- *Flodstrom S, Ahlborg UG. 1992. Relative liver tumor promoting activity of some polychlorinated dibenzo-*p*-dioxin-, dibenzofuran- and biphenyl-congeners in female rats. Chemosphere 25:169-172.

8. REFERENCES

- Flodstrom S, Busk L, Kronevi T, et al. 1991. Modulation of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and phenobarbital-induced promotion of hepatocarcinogenesis in rats by the type of diet and vitamin A deficiency. *Fundam Appl Toxicol* 16:375-391.
- *Frank APCG, Schrap SM. 1990. Bioaccumulation of some polychlorinated dibenzo-*p*-dioxins and octachlorodibenzofuran in the guppy (*poecilia-reticulata*). *Chemosphere* 20:495-512.
- *Fricker C, Hardy JK. 1990. Characterization of commercially available coffee filter papers. *Journal of Environmental Science and Health Part A-Environmental Science and Engineering* 25:927-936..
- *Friesen KJ, Vilks J, Muir DCG. 1990. Aqueous solubilities of selected 2,3,7,8-substituted polychlorinated dibenzofurans (PCDFs). *Chemosphere* 20:27-32.
- *Frommberger R. 1991. Cork products- a potential source of polychlorinated dibenzo-*para*-dioxins and polychlorinated dibenzofurans. *Chemosphere* 23: 133- 139.
- *Fu YA. 1984. Ocular manifestation of polychlorinated biphenyls intoxication. *Am J Ind Med* 5:127-132.
- *Funatsu I, Yamashita F, Yoshikane T, et al. 1971. [A chlorobiphenyl induced fetopathy.] *Fukuoka Igaku Zasshi* 62:139-149. (Japanese)
- *Fürst P, Fürst C, Groebel W. 1990. Levels of PCDDs and PCDFs in foodstuffs from the Federal Republic of Germany. *Chemosphere* 20:787-792.
- * Fürst P, Fürst C, Wilmers K. 1992. PCDDs and PCDFs in human milk-statistical evaluation of a 6-year survey. *Chemosphere* 25:1029-1038.
- * Fürst P, Kruger C, Meemken HA, et al. 1989. Interaction between sample and packaging material- a potential source of contamination with PCDDs and PCDFs. *Chemosphere* 18:891-896.
- * Fürst P, Kruger Chr, Meemken HA, et al. 1989. PCDD and PCDF levels in human milk - dependence on the period of lactation. *Chemosphere* 18:439-444.
- *Gara A, Andersson K, Nilsson CA, et al. 1981. Synthesis of halogenated diphenyl ethers and dibenzofurans: A discussion of specific isomers available. *Chemosphere* 10:365-390.
- *Gardner AM, White KD. 1990. Polychlorinated dibenzofurans in the edible portion of selected fish. *Chemosphere* 21:215-222.
- *Gasiewicz TA, Rucci G. 1984. Cytosolic receptor for 2,3,7,8-tetrachlorodibenzo-*p*-dioxin: Evidence for a homologous nature among various mammalian species. *Mol Pharmacol* 26:90-98.
- *Geyer HJ, Scheunert I, Korte F. 1987. Correlation between the bioconcentration potential of organic environmental chemicals in humans and their n-octanol/water partition coefficients. *Chemosphere* 16:239-252.
- *Gladen BC, Rogan WJ, Ragan NB, et al. 1988. Urinary porphyrins in children exposed transplacentally to polyhalogenated aromatics in Taiwan. *Archives of Environmental Health* 43:54-58.

8. REFERENCES

- *Gladen BC, Taylor JS, Wu Y-C, et al. 1990. Dermatological findings in children exposed transplacentally to heat-degraded polychlorinated biphenyls in Taiwan. *Br J Dermatol* 122:799-808.
- *Glasser H, Chang DPY, Hickman DC. 1991. An analysis of biomedical waste incineration. *J Air Waste Manage Assoc* 41:1180-1188.
- *Glidden RM, Brown PJ, Sittig RA, et al. 1990. Determination of 2,3,7,8-tetra-chlorodibenzo-*p*-dioxin and 2,3,7,8-tetrachlorodibenzofuran in cow's milk. *Chemosphere* 20:1619-1624.
- *Goldfarb TD, Harrad SJ. 1991. Consideration of the environmental impact of the volatilization of PCDDs and PCDFs. *Chemosphere* 23:1669-1674.
- *Goldstein JA, Safe S. 1989. Mechanism of action and structure-activity relationships for the chlorinated dibenzo-*p*-dioxins and related compounds. In: Kimbrough RD, Jensen AA, eds. *Halogenated biphenyls, naphthalenes, dibenzodioxins and related compounds*, 2nd ed. Amsterdam, Elsevier Science Publishers B.V., 239-293.
- *Goldstein JA, Hass JR, Linko P, et al. 1989. 2,3,7,8-Tetrachlorodibenzofuran in a commercially available 99% pure polychlorinated biphenyl isomer identified as the inducer of hepatic cytochrome P-448 and aryl hydrocarbon hydroxylase in the rat. *Drug Metab Dispos* 6:258-264.
- *Gorski T. 1981. Presence of polychlorinated dibenzo-*p*-dioxins in latex nipples. *Bull Environ Contam Toxicol* 27:68-71.
- *Graham M, Hileman FD, Orth RG, et al. 1986. Chlorocarbons in adipose tissue from a Missouri population. *Chemosphere* 15:1595-1600.
- *Gray AP, Dipinto VM, Solomon IJ. 1976. Synthesis of specific polychlorinated dibenzofurans. *J Org Chem* 41:2428-2434.
- *Grace DF, Alley CC, Patterson Jr DG. 1989. Synthesis of tetrachloro, pentachloro and hexachlorodibenzofurans from the pyrolysis of polychlorinated biphenyls. *Chemosphere* 19:225-232.
- *Hagenmaier H, Berchtold A. 1986. Analysis of waste from production of sodium pentachlorophenolate for polychlorinated dibenzodioxins (PCDD) and dibenzofurans (PCDF). *Chemosphere* 15: 1991-1994.
- *Hagenmaier H, Brunner H. 1987. Isomer specific analysis of pentachlorophenol and sodium pentachlorophenolate for 2,3,7,8-substituted PCDD and PCDF at sub-PPB levels. *Chemosphere* 16:1759-1764.
- *Hagenmaier H, Brunner H, Haag R, et al. 1987. Copper-catalyzed dechlorination-hydrogenation of polychlorinated dibenzo-*p*-dioxins polychlorinated dibenzofurans and other chlorinated aromatic compounds. *Environmental Science and Technology* 21:1085-1088.
- *Hagenmaier H, Horch K, Fahlenkamp H. 1991. Destruction of PCDD and PCDF in refuse incineration plants by primary and secondary measures. *Chemosphere* 23:1429-1438.

8. REFERENCES

- *Hagenmaier H, She J, Lindig C. 1992. Persistence of polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans in contaminated soil at Maulach and Rastatt in southwest Germany. *Chemosphere* 25:1449-1456.
- *Hahn JL, Von Dem Fange HP. 1989. A comparison of ambient and workplace dioxin levels from testing in and around modern resource recovery facilities with predicted ground level concentration of dioxins from stack emission testing with corresponding workplace health risks. *Chemosphere* 19:629-636.
- Hällström I. 1986. Effects of pretreatment with 2,3,7,8-tetrachlorodibenzofuran on microsomal monooxygenase activity in *Drosophila melanogaster*. *Mutat Res* 174:93-97.
- *Harless RL, Lewis RG. 1992. Evaluation of a sample and analysis method for determinations of polyhalogenated dibenzo-*p*-dioxins and dibenzofurans in ambient air. *Chemosphere* 25: 13 17-1322.
- *Harless RL, Dupuy AE, McDaniel DD. 1983. High resolution mass spectrometry methods of analysis for chlorinated dibenzo-*p*-dioxins and dibenzofurans. In: Tucher RE, et al., eds. Human and environmental risks of chlorinated dioxins and related compounds. New York, NY: Plenum Press, 65-72.
- *Harper N, Connor K, Safe S. 1993. Immunotoxic potencies of polychlorinated biphenyl (PCB), dibenzofuran (PCDF) and dibenzo-*p*-dioxin (PCDD) congeners in C57BW6 and DBA/2 mice. *Toxicology* 80:217-227.
- *Harrad SJ, Fernandes AR, Creaser CS, et al. 1991a. Domestic coal combustion as a source of PCDDs and PCDFs in the British environment. *Chemosphere* 23:255-261.
- *Harrad SJ, Malloy TA, Khan MA, et al. 1991b. Levels and sources of PCDDs, PCDFs, chlorophenols (CPs) and chlorobenzenes (CBzs) in composts from a municipal yard waste composting facility. *Chemosphere* 23:181-192.
- *Hassoun EA. 1987. *In vivo* and *in vitro* interactions of TCDD and other ligands of the Ah-receptor: Effect on embryonic and fetal tissues. *Arch Toxicol* 61:145-149.
- *Hassoun E, D'Argy R, Dencker L, et al. 1984. Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in BXD recombinant inbred strains. *Toxicol Lett* 23:37-42.
- *Hayabuchi H, Yoshimura T, Kuratsune M. 1979. Consumption of toxic rice oil by Yusho patients and its relation to the clinical response and latent period. *Food Cosmet Toxicol* 17:455-461.
- *Hayward DG, Charles JM, Voss De Bettancourt C, et al. 1989. PCDD and PCDF in breast milk as correlated with fish consumption in southern California. *Chemosphere* 18:455-468.
- *Hayward DG, Petreas MX, Goldman LR. 1991. Assessing the risk from 2,3,7,8-TCDD and TCDF in milk packaged in paper. *Chemosphere* 23:1551-1559.
- *HAZDAT. 1992. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA. February 13, 1992.

8. REFERENCES

- *Hebert CD, Harris MW, Elwell MR, et al. 1990. Relative toxicity and tumor-promoting ability of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD), 2,3,4,7,8-pentachlorodibenzofuran (PCDF), and 1, 2, 3,4, 7,8-hexachlorodibenzofuran (HCDF) in hairless mice. *Toxicol Appl Pharmacol* 102:362-377.
- *Heindl A, Hutzinger O. 1989. Search for industrial sources of PCDD/PCDFs: IV. Phthalocyanine dyes. *Chemosphere* 18: 1207-1 211.
- *Hites RA. 1990. Environmental behavior of chlorinated dioxins and furans. *Act Chem Res* 23:194-201.
- *Hodson PV, McWhirter M, Ralph K, et al. 1992. Effects of bleached kraft mill effluent in fish in the St. Maurice River, Quebec. *Environmental Toxicology and Chemistry* 11: 1635- 165 1.
- *Holcomb M, Yao C, Safe S. 1988. Biologic and toxic effects of polychlorinated dibenzo-*p*-dioxin and dibenzofuran congeners in the guinea pig: Quantitative structure-activity relationships. *Biochem Pharmacol* 37:1535-1539.
- *Hryhorczuk DO, Orris P, Kominsky JR, et al. 1986. PCB, PCDF, and PCDD exposure following a transformer fire: Chicago. *Chemosphere* 15: 1297- 1303.
- *HSDB. 1991. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD.
- *Hsu MML, Chang JC, Hsu CC. 1993. Nail changes in PCB poisoning. In: Fiedler H, Frank H, Otto H, et al., eds. *Organohalogen compounds*, Vol. 13. Vienna: Federal Environmental Agency, 47.
- *Hsu S-T, Ma C-I, Hsu SK-S, et al. 1984. Discovery and epidemiology of PCB poisoning in Taiwan. *Am J Ind Med* 5:71-79.
- *Hsu S-T, Ma C-I, Hsu SKS, et al. 1985. Discovery and epidemiology of PCB poisoning in Taiwan: A four-year followup. *Environ Health Perspect* 59:5-10.
- *Huestis SY, Sergeant DB. 1992. Removal of chlorinated diphenyl ether interferences for analyses of PCDDs and PCDFs in fish. *Chemosphere* 24:537-545.
- *Humppi T. 1986. Synthesis of polychlorinated phenoxyphenols (PCPP), phenoxyanisoles (PCPA), dibenzo-*p*-dioxins (PCDD), dibenzofurans (PCDF), and diphenyl ethers (PCDE). *Chemosphere* 15:2003-2006.
- *Hunt GT, Maisel BE. 1990. Atmospheric PCDDs/PCDFs in wintertime in a northeastern U.S. urban coastal environment. *Chemosphere* 20:1455-1462.
- *Hunt G, Maisel B, Hoyt M. 1990. Ambient concentrations of PCDDs/PCDFs (polychlorinated dibenzodioxins/dibenzofurans) in the South Coast air basin. NTIS PB90-169970.
- *Hutzinger O, Fiedler H. 1989. Sources and emissions of PCDD PCDF. *Chemosphere* 18:23-32.
- *Hutzinger O, Blumich MJ, Berg MDV, et al. 1985a. Sources and fate of PCDDs and PCDFs: An overview. *Chemosphere* 14:581-600.

8. REFERENCES

- *Hutzinger O, Choudhry GG, Chittim BG, et al. 1985b. Formation of polychlorinated dibenzofurans and dioxins during combustion, electrical equipment fires and PCB incineration, *Environ Health Perspect* 60:3-9.
- *Hutzinger O, Safe S, Wentzell BR, et al. 1973. Photochemical degradation of di- and octachlorodibenzofuran. *Environ Health Perspect* 5:267-271.
- *Iida T, Hirakawa H, Matsueda T, et al. 1991. [Therapeutic trial for promotion of fecal excretion of PCDFs and PCBs by the administration of cholestyramine in Yusho patients.] *Fukuoka Ishi* 82:317-325. (Japanese)
- Iida T, Hirakawa H, Matsueda T, et al. 1992. Levels of polychlorinated-biphenyls and polychlorinated dibenzofurans in the blood, subcutaneous adipose-tissue and stool of Yusho patients and normal subjects. *Toxicological and Environmental Chemistry* 35: 17-24.
- *Imamura M, Tung TC. 1984. A trial of fasting: Cure for PCB-poisoned patients in Taiwan. *Am J Ind Med* 5:147-153.
- *Ioannou YM, Birnbaum LS, Matthews HB. 1983. Toxicity and distribution of 2,3,7,8-tetrachlorodibenzofuran in male guinea pigs. *J Toxicol Environ Health* 12:541-553.
- *Jarman WM, Bums SA, Chang RR, et al. 1993. Determination of PCDDS, PCDFS, and PCBs in California Peregrine falcons (*Falco peregrinus*) and their eggs. *Environmental Toxicology and Chemistry* 12:105-114.
- *Jay K, Stieglitz L. 1991. On the mechanism of formation of polychlorinated aromatic-compounds with copper (II) chloride. *Chemosphere* 22:987-996.
- *Jensen AA. 1987. Polychlorobiphenyls (PCBs), polychlorodibenzo-*p*-dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) in human milk, blood and adipose tissue. *Science of the Total Environment* 64:259-293.
- *Jödicke B, Ende M, Helge H, et al. 1992. Fecal excretion of PCDDs/PCDFs in a 3-month-old breast-fed infant. *Chemosphere* 25:1061-1065.
- *Jones PD, Giesy JP, Newsted JL, et al. 1993. 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin equivalents in tissues of birds at Green Bay, Wisconsin, USA. *Arch Environ Contam Toxicol* 24:345-354.
- *Jordan RJ. 1987. The feasibility of wet scrubbing for treating waste-to-energy flue gas. *J Air Pollut Control Assoc* 37:422-430.
- *Kamimura H, Fuchigami K, Inoue H, et al. 1991. [Studies on distribution and excretion of dogs given squalane for 2 weeks.] *Fukuoka Ishi* 82:300-304. (Japanese)
- *Kamimura H, Koga N, Oguri K, et al. 1988. Enhanced faecal excretion of 2,3,4,7,8-pentachlorodibenzofuran in rats by a long-term treatment with activated charcoal beads. *Xenobiotica* 18:585-592.

8. REFERENCES

- *Kang HK, Watanabe KK, Breen J, et al. 1991. Dioxins and dibenzofurans in adipose tissue of US Vietnam veterans and controls. *Am J Public Health* 81:344-349.
- *Kashimoto T, Miyata H. 1986. Differences between Yusho and other kinds of poisoning involving only PCBs, Chapter 1. In: Waid JS, ed. *PCBs and the environment*, vol 3. Boca Raton, FL. CRC Press, 2-26.
- *Kashimoto T, Miyata H, Fukushima S, et al. 1985. PCBs, PCQs and PCDFs in blood of Yusho and Yu-cheng patients. *Environ Health Perspect* 59:73-78.
- *Kawano S, Hiraga K. 1978. Polychlorinated dibenzofurans-potent inducers of rat hepatic drug-metabolizing enzymes. *Jpn J Pharmacol* 28:305-315.
- *Keenan RE, Sullivan MJ. 1989. Assessing potential health risks of dioxin in paper products. *Environmental Science and Technology* 23:643-644.
- *Kelada FS. 1990. Occupational intake by dermal exposure to polychlorinated dibenzo-para-dioxins and polychlorinated dibenzofurans in pulp-mill industry. *Am Ind Hyg Assoc J* 51:519-521.
- *Kerkvliet NI, Brauner JA, Matlock JP. 1985. Humoral immunotoxicity of polychlorinated diphenyl ethers, phenoxyphenols, dioxins and furans present as contaminants of technical grade pentachlorophenol. *Toxicology* 36:307-324.
- *Keys B, Piskorska-Pliszczynska J, Safe S. 1986. Polychlorinated dibenzofurans as 2,3,7,8-TCDD antagonists: *In vitro* inhibition of monooxygenase enzyme induction. *Toxicol Lett* 31:151-158.
- *Khera KS. 1992. Extraembryonic tissue changes induced by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and 2,3,4,7,8-pentachlorodibenzofuran with a note on direction of maternal blood flow in the labyrinth of C57BL/6N mice. *Teratology* 45:611-627.
- Kimbrough RD. 1987. Human effects of polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs). *Ann Rev Pharmacol Toxicol* 27:87-111.
- *Kimbrough RD. 1991. Consumption of fish: Benefits and perceived risk. *J Toxicol Environ Health* 33:81-92.
- *Kitunen VH, Salkinoja-Salonen MS. 1989. Occurrence of PCDDs and PCDFs in pulp and board products. *Chemosphere* 19:721-726.
- *Kitunen VH, Valo RJ, Salkinoja-Salonen MS. 1987. Contamination of soil around wood-preserving facilities by polychlorinated aromatic compounds. *Environmental Science and Technology* 21:96-101.
- *Kjeller LO, Jones K, Johnston AE, et al. 1991. Increases in the polychlorinated dibenzo-*p*-dioxin and -furan content of soils and vegetation since the 1840s. *Environmental Science and Technology* 25:1619-1627.
- *Kleopfer RD, Greenall RL, Viswanathan TS, et al. 1989. Determination of polychlorinated dibenzodioxins and dibenzofurans in environmental samples using high resolution mass spectrometry. *Chemosphere* 18:109-118.

8. REFERENCES

- *Koester CJ, Hites RA. 1992. Photodegradation of polychlorinated dioxins and dibenzofurans absorbed to fly ash. *Environmental Science and Technology* 26:502-507.
- *Koester CJ, Harless RL, Hites RA. 1992. Comparative analysis of dioxins and furans in ambient air by high resolution and electron capture mass spectrometry. *Chemosphere* 24:421-426.
- *Kono TK, Yamana Y. 1979. [Ocular symptoms of oil disease patients (report 4): Investigation 10 years after onset.] *Fukuoka Igaku Zasshi* 70: 181-186. (Japanese)
- *Kominsky JR, Kwoka CD. 1989. Background concentrations of polychlorinated dibenzofurans (PCDFs) and polychlorinated dibenzo-*p*-dioxins (PCDDs) in office buildings in Boston, Massachusetts. *Chemosphere* 18:599-608.
- *Koshioka M, Iizuka H, Kanazawa J, et al. 1987. Photodegradation of octachlorodibenzofuran in 1,4-dioxane under xenon lamp irradiation. *Agric Biol Chem* 51:949-952.
- *Krishnan V, Safe S. 1993. Polychlorinated biphenyls (PCBs), dibenzo-*p*-dioxins (PCDDs), and dibenzofurans (PCDFs) as antiestrogens in MCF-7 human breast cancer cells: Quantitative structure-activity relationships. *Toxicol Appl Pharmacol* 120:55-61.
- *Krowke R. 1986. Studies on distribution and embryotoxicity of different PCDD and PCDF in mice and marmosets. *Chemosphere* 15:2011-2022.
- *Kuehl DW, Cook PM, Batterman AR, et al. 1987. Bioavailability of polychlorinated dibenzo-*p*-dioxins and dibenzofurans from contaminated Wisconsin River sediment to carp. *Chemosphere* 16:667-680.
- *Kuehl DW, Haebler R, Potter C. 1991. Chemical residues in dolphins from the U.S. Atlantic coast including Atlantic bottlenose obtained during the 1987/88 mass mortality. *Chemosphere* 22:1071-1084.
- *Kunita N, Kashimoto T, Miyata H, et al. 1984. Causal agents of Yusho. *Am J Ind Med* 5:45-58.
- *Kuratsune M. 1989. Yusho, with reference to Yu-Cheng, Chapter 13. In: Kimbrough RD, Jensen AA, eds. *Halogenated biphenyls, terphenyls, naphthalene, dibenzodioxins and related products*, 2nd ed. Amsterdam: Elsevier Science Publishers, 381-400.
- *Kuratsune M, Nakamura Y, Ikeda M, et al. 1987. Analysis of deaths seen among patients with Yusho: A preliminary report. *Chemosphere* 16:2085-2088.
- *Kuroiwa Y, Murai Y, Santa T. 1969. [Neurological and nerve conduction velocity studies on 23 patients with chlorobiphenyls poisoning.] *Fukuoka Igaku Zasshi* 60:462-463. (Japanese)
- *Kuroki H, Haraguchi K, Masuda Y. 1984. Synthesis of polychlorinated dibenzofuran isomers and their gas chromatographic profiles. *Chemosphere* 13:561-573.
- *Kuroki H, Hattori R, Haraguchi K, et al. 1989. Metabolism of 2,8-dichlorodibenzofuran in rats. *Chemosphere* 19:803-808.

8. REFERENCES

- *Kusuda M. 1971. [A study on the sexual functions of women suffering from rice-bran oil poisoning.] Sanka to Fujinka 381063-1072. (Japanese)
- *LaFleur L, Bosquet T, Ramage K, et al. 1990. Analysis of TCDD and TCDF on the ppq-level in milk and food sources. *Chemosphere* 20:1657-1662.
- *Lambert GH, Hsu CC, Humphrey H, et al. 1992. Cytochrome P450IA2 in-viva induction a potential biomarker of polyhalogenated biphenyls and their related chemical's effects on the human. *Chemosphere* 25: 197-200.
- *Lamparski LL, Nestruck TJ. 1989. Analytical methodology of the Dow Chemical Company for the determination of selected chlorinated dibenzo-p-dioxins and dibenzofurans in stack gas effluent matrices: Part 1: Full method for determination of tetra- through octa-chlorinated congener group total concentrations and 2378 substituted isomers. *Chemosphere* 19:1165-1178.
- Lampi P, Vertiainen T, Tuomisto J. 1990. Population exposure to chlorophenols, dibenzo-p-dioxins and dibenzofurans after a prolonged groundwater pollution by chlorophenols. *Chemosphere* 20:625-634.
- *Lan SJ, Yen YY, Yang CY. 1987. [A study on the birth weight of transplacental Yu-Cheng babies.] *Kaohsiung J Med Sci* 3:273-282. (Chinese)
- *Lan SJ, Yen YY, Lan JL, et al. 1990. Immunity of PCB transplacental Yu-Cheng children in Taiwan. *Bull Environ Contam Toxicol* 44:224-229.
- *Le Bel GL, Williams DT, Benoit FM, et al. 1990. Polychlorinated dibenzodioxins and dibenzofurans in human adipose tissue samples from five Ontario municipalities. *Chemosphere* 21:1465-1475.
- *Le Bel GL, Williams DT, Benoit FM. 1991. Determination of chlorinated dibenzodioxins and dibenzofurans in selected paper products. *Chemosphere* 23:737-746.
- *LeBel GL, Williams DT, Benoit FM. 1992. Chlorinated dibenzodioxins and dibenzofurans in consumer paper products. *Chemosphere* 25:1683-1690.
- *Liem AKD, Van Laar A, Kleinveld AH, et al. 1989. Interlaboratory study of PCDDs and PCDFs in fly dust from a municipal incinerator. *Chemosphere* 19:75-82.
- *Ligon WV, May RJ. 1986. Determination of selected chlorodibenzofurans and chlorodibenzodioxins using two-dimensional gas chromatography- mass spectrometry. *Anal Chem* 58:558-561.
- *Ligon WV Jr, Dorn SB, May RJ, et al. 1989. Chlorodibenzofuran and chlorodibenzo-p-dioxin levels in Chilean mummies dated to about 2800 years before the present. *Environmental Science and Technology* 23:1286-1290.
- *Lindner GA, Jenkins AC, McCormack J, et al. 1990. Dioxins and furans in emissions from medical waste incinerators. *Chemosphere* 20:1793-1800.

8. REFERENCES

- *Lindstroem G, Rappe C. 1990. Analytical procedure operating on 0.1-1 ppt level applied in toxicological studies on PCDFs/PCDDs. *Chemosphere* 20:851-856.
- *Lofroth G, Zebtahr Y. 1992. Polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in mainstream and sidestream cigarette smoke. *Bull Environ Contam Toxicol* 48:789-794.
- *Lu YC, Wu YC. 1985. Clinical findings and immunological abnormalities in Yu-Cheng patients. *Environ Health Perspect* 59:17-29.
- *Lu F-J, Chang K-J, Lin S-C, et al. 1980. [Studies on patients with polychlorinated biphenyls poisoning: Determination of urinary coproporphyrin, uroporphyrin, γ -aminolevulinic acid and porphobilinogen.] *J Formosan Med Assoc* 79:990-995. (Chinese)
- Lucier GW. 1991. Humans are a sensitive species to some of the biochemical effects of structural analogs of dioxin. *Environmental Toxicology and Chemistry* 10:727-735.
- *Lucier GW, Nelson KG, Everson RB, et al. 1987. Placental markers of human exposure to polychlorinated biphenyls and polychlorinated dibenzofurans. *Environ Health Perspect* 76:79-87.
- *Lucier GW, Sunahara GI, Wong TK. 1990. Placental markers of human exposure to polychlorinated dibenzofurans and polychlorinated biphenyls: Implications for risk assessment. *IARC Sci Pub* 104:55-62.
- Lucier SGI, Lundgren K, Thompson CL. 1988. Placental and lymphocyte markers of human exposure to polychlorinated biphenyls and polychlorinated dibenzofurans. In: *Proceedings of the 196th American Chemical Society National Meeting*, Los Angeles, CA, Sept. 1988, 25-30.
- *Luksemburg W. 1991. Method 10: Determination of polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans in pulp and paper industry wastewaters, solid wastes, ashes and bleached pulps. *IARC Sci Pub* 11(108):399-426.
- *Lundgren K, Collman GW, Wang, SW, et al. 1988. Cytogenetic and chemical detection of human exposure to polyhalogenated aromatic hydrocarbons. *Environmental and Molecular Mutagenesis* 11: 1-11.
- *Luster MI, Albro PW, Chae K, et al. 1980. Radioimmunoassay for quantitation of 2,3,7,8-tetrachlorodibenzofuran. *Anal Chem* 52:1497-1500.
- *Luster MI, Faith RE, Clark G. 1979a. Laboratory studies on the immune effects of halogenated aromatics. *Ann NY Acad Sci* 320:473-486.
- *Luster MI, Faith RE, Lawson LD. 1979b. Effects of 2,3,7,8-tetrachlorodibenzofuran (TCDF) on the immune system in guinea pigs. *Drug Chem Toxicol* 2:49-60.
- *Madsen C, Larsen JC. 1989. Relative toxicity of chlorinated dibenzo-*p*-dioxins, and dibenzofurans measured by thymus weight and liver enzyme induction in perinatally dosed rats, 2,3,7,8-TCDD, 2,3,4,7,8-PeCDF, 1,2,3,7,8-PeCDD. *Chemosphere* 18:955-966.

8. REFERENCES

- *Maisel BE, Hunt GT. 1990. Background concentrations of PCDDs-PCDFs in ambient air- a comparison of toxic equivalency factor TEF models. *Chemosphere* 20:771-778.
- *Mantkoski K, Paasivirta J, Mannila E. 1989. Combustion products of biosludge from pulp mill. 1989. *Chemosphere* 19:413-416.
- *Marbury D, Green B, Guyan SA, et al. 1992. Development and applications of a mass-spectrometry mass-spectrometry method for the quantification of polychlorinated dibenzo-p-dioxins and dibenzofurans. *Chemosphere* 25:2029-2032.
- *Marklund S, Rappe C, Tysklind M, et al. 1987. Identification of polychlorinated dibenzofurans and dioxins in exhausts from cars run on leaded gasoline. *Chemosphere* 16:29-36.
- *Mason G, Sawyer T, Keys B, et al. 1985. Polychlorinated dibenzofurans (PCDFs): Correlation between *in viva* and *in vitro* structure-activity relationships. *Toxicology* 37: 1-12.
- *Masuda Y, Yoshimura H. 1984. Polychlorinated biphenyls and dibenzofurans in patients with yusho and their toxicological significance: A review. *Am J Ind Med* 5:31-44.
- *Masuda Y, Kuroki H, Haraguchi K. 1985. PCB and PCDF congeners in the blood and tissues of Yusho and Yu-cheng patients. *Environ Health Perspect* 59:53-58.
- *Matsumoto M, Ando M. 1991. Mutagenicity of 3-chlorodibenzofuran and its metabolic activation. *Environmental and Molecular Mutagenesis* 17: 104- 111.
- *Matsumoto M, Ando M, Ohta Y. 1988. Mutagenicity of monochlorodibenzofurans detected in the environment. *Toxicol Lett* 40:21-28.
- *McConnell EE. 1989. Acute and chronic toxicity and carcinogenesis in animals: Chapter 6. In: Kimbrough RD, Jensen AA, eds. Halogenated biphenyls, terphenyls, naphthalenes, dibenzodioxins and related products, 2nd ed. Amsterdam: Elsevier Science Publishers, 161-193.
- *McCurvin DMA, Clement RE, Taguchi VY, et al. 1989. A comparison of the capabilities of mass spectral techniques for the detection of chlorinated dibenzo-p-dioxins and dibenzofurans in environmental samples. *Chemosphere* 19:205-212.
- *McFarland VA, Clark JV. 1989. Environmental occurrence, abundance, and potential toxicity of polychlorinated biphenyl congeners: Considerations for a congener-specific analysis. *Environ Health Perspect* 81:225-239.
- *McKee P, Burt A, McCurvin D, et al. 1990. Levels of dioxins, furans and other organic contaminants in harbour sediments near a wood preserving plant using pentachlorophenol and creosote. *Chemosphere* 20:1679-1685.
- *McLaughlin DL, Pearson RG, Clement RE. 1989. Concentrations of chlorinated dibenzo-p-dioxins (CDD) and dibenzofurans (CDF) in soil from the vicinity of a large refuse incinerator in Hamilton Ontario Canada. *Chemosphere* 18:851-854.

8. REFERENCES

- *McNulty WP, Pomerantz I, Farrell T. 1981. Chronic toxicity of 2,3,7,8-tetrachlorodibenzofuran for rhesus macaques. *Food Cosmet Toxicol* 19:57-65.
- *Meyer C, O'Keefe P, Hilker D, et al. 1989. A survey of twenty community water systems in New York State USA for PCDDs and PCDFs. *Chemosphere* 19:21-26.
- *Mitchurn RK, Donnelly JR. 1991. Quality assurance/quality control procedures for the determination of polychlorinated dibenzodioxins, dibenzofurans and biphenyls. *IARC Sci Pub* 11(108):161-174.
- *Miyata H, Takayama K, Ouaki J, et al. 1989. Levels of PCDDs, coplanar PCBs and PCDFs in patients with Yusho disease and in the Yusho oil. *Chemosphere* 18:407-416.
- *Moore JA, Gupta BN, Vos JG. 1976. Toxicity of 2,3,7,8-tetrachlorodibenzofuran-preliminary results. Proceedings of the polychlorinated biphenyls National Conference, 1976, 77-79.
- *Moore JA, McConnell EE, Dalgard DW, et al. 1979. Comparative toxicity of three halogenated dibenzofurans in guinea pigs, mice and rhesus monkeys. *Ann NY Acad Sci* 75: 151-163.
- *Morrissey RE, Schwetz BA. 1989. Reproductive and developmental toxicity in animals: Chapter 7. In: Kimbrough RD, Jensen AA, eds. Halogenated biphenyls, terphenyls, naphthalene, dibenzodioxins and related products, 2nd ed. Amsterdam: Elsevier Science Publishers, 195-225.
- Mortia M, Oishi S. 1977. Clearance and tissue distribution of polychlorinated dibenzofurans in mice. *Bull Environ Contam Toxicol* 18:61-67.
- *Mukerjee D, Papke O, Karmaus W. 1989. Indoor air contamination with polychlorinated dibenzo-*p*-dioxins and dibenzofurans. *Toxicol Ind Health* 5:731-745.
- *Muir DCG, Lawrence S, Holoka M, et al. 1992. Partitioning of polybrominated dioxins and furans between water, sediments biota in lake mesocosms. *Chemosphere* 25: 119-124.
- *Mundy KJ, Brown RS, Pettit K, et al. 1989. Environmental assessment at and around a chemical waste treatment facility I. Measurements on PCDFs and PCDDs. *Chemosphere* 19:381-386.
- *Murai K, Tsuji H, Fujishima F. 1991. [Treatment of Yusho PCB poisoning patients with cholestyramine.] *Fukuoka Ishi* 82:326-329. (Japanese)
- *Muto H, Takizawa Y. 1991. The liquid-phase photolyses of tetra- and octa-CDDs and their CDFs in hexane solution. *Chemistry Letters* 2:273-276.
- *Muto H, Saito K, Shinada M, et al. 1991. Concentrations of polychlorinated dibenzo-*p*-dioxins and dibenzofurans from chemical manufacturers and waste disposal facilities. *Environ Res* 54:170-182.
- *Näf C, Broman D, Pettersen H, et al. 1992. Flux estimates and pattern recognition of particulate polycyclic aromatic hydrocarbons, polychlorinated dibenzo-*p*-dioxins, and dibenzofurans in the waters outside various emission sources on the Swedish Baltic coast. *Environmental Science and Technology* 26:1444-1457.

8. REFERENCES

- *Nagai J, Furukawa M, Tojo A, et al. 1971. [Coulometric and gas-chromatographic determinations of urinary 17-ketosteroids: Survey of chlorobiphenyls poisoning patients by these methods.] *Fukuoka Igaku Zasshi* 62:51-65. (Japanese)
- *Nagamatsu K, Kuroiwa Y. 1971. [Electroencephalographical studies on 20 patients with chlorobiphenyls poisoning.] *Fukuoka Igaku Zasshi* 62:157-158. (Japanese)
- *Nagayama J, Kiyohara C, Handa S. 1990. Comparative toxicologic study of 2,3,4,7,8-pentachlorodibenzofuran in Ah responsive and nonresponsive strains of mice. *Chemosphere* 20: 1165-1172.
- *Nagayama J, Masuda Y, Kuratsune M. 1977. Determination of polychlorinated dibenzofurans in tissues of patients with Yusho. *Food Cosmet Toxicol* 15:195-198.
- *Nakagawa R, Takahashi K. 1991. [Studies on the application of residual PCBs, PCQs and PCDFs concentrations to Yusho diagnosis.] *Fukuoka Ishi* 82:280-294. (Japanese)
- *Nakanishi Y, Shigematsu N, Kurita Y. 1985. Respiratory involvement and immune status in Yusho patients. *Environ Health Perspect* 59:31-36.
- *Nakano T, Tsuji M, Okuno T. 1990. Distribution of PCDDs and PCBs in the atmosphere. *Atmos Environ* 24A:1361-1368.
- *Narang AS, Swami K, Narang RS, et al. 1991. Pyrolysis and combustion of liquids and solids containing pentachlorophenol. *Chemosphere* 22: 1029- 1043.
- *NAS/NRC. 1989. Biologic markers in reproductive toxicology. National Academy of Sciences/National Research Council. Washington, DC: National Academy Press, 15-35.
- Neal RA. 1985. Mechanisms of the biological effects of PCBs, polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans in experimental animals. *Environ Health Perspect* 60:41-46.
- *Nebert DW, Robinson JR, Niwa A, et al. 1975. Genetic expression of aryl hydrocarbon hydroxylase activity in the mouse. *J Cell Physiol* 85:393-414.
- *Needham LL, Patterson DG, Alley CC, et al. 1987. Polychlorinated dibenzo-*p*-dioxins and dibenzofurans levels in persons with high and normal levels of 2,3,7,8-tetrachlorodibenzo-*p*-dioxins. *Chemosphere* 16:2027-2031.
- *Nestrick TJ, Lamparski LL. 1989. Analytical methodology of the Dow Chemical Company for the determination of selected chlorinated dibenzo-*p*-dioxins and dibenzofurans in stack gas effluent matrices. II. Isomer method for determination of tetra-through octa-chlorinated congener-group "2378"-substituted isomer concentrations. *Chemosphere* 19: 1179- 1185.
- *Nestrick TJ, Lamparski LL, Cramm RH. 1991. Procedure and initial results for the determination of low parts-per-quadrillion levels of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and 2,3,7,8-tetrachlorodibenzofuran in polyethylene. *Chemosphere* 22:215-228.

8. REFERENCES

- *Neubert D, Color G, Neubert R. 1992. TCDD-toxicity equivalencies for PCDD-PCDF congeners: Prerequisites and limitations. *Chemosphere* 25:65-70.
- *NIOSH. 1987. Registry of Toxic Effects of Chemical Substances. Vol 2. Washington, DC: U.S. Department of Health and Human Services, National Institute for Occupational Safety and Health. 1924.
- *Nishizumi M. 1989. Carcinogenicity of 2,3,4,7,8-pentachlorodibenzofuran and 1,2,3,4,7,8-hexachlorodibenzofuran in rats. *Fukuoka Acta Med* 80:240-245.
- *Nishizumi M, Masuda Y. 1986. Enhancing effect of 2,3,4,7,8-pentachlorodibenzofuran and 1,2,3,4,7,8-hexachlorodibenzofuran on diethylnitrosamine hepatocarcinogenesis in rats. *Cancer Lett* 33:333-339.
- *Noren K, Sjovall J. 1987. Analysis of organochlorine pesticides, polychlorinated biphenyls, dibenzo-*p*-dioxins and dibenzofurans in human milk by extraction with the lipophilic gel Lipidex 5000. *J Chromatogr* 422:103-115.
- *Norstrom RJ, Simon M. 1991. Method 5: Determination of specific polychlorinated dibenzo-*p*-dioxins and dibenzofurans in biological matrices by gel-permeation-carbon chromatography and gas chromatography-mass spectrometry. *IARC Sci Pub* 11(108):281-297.
- *Norstrom A, Chaudhary SK, Albro PW, et al. 1979. Synthesis of chlorinated dibenzofurans and chlorinated amino dibenzofurans from the corresponding diphenyl ethers and nitro diphenyl ethers. *Chemosphere* 6:331-343.
- *Norstrom, RJ, Simon M, Muir DCG. 1990. Polychlorinated dibenzo-*para*-dioxins and dibenzofurans in marine mammals in the Canadian North. *Environmental Pollution* 66:1-19.
- *Norwood CB, Hackett M, Pruell RJ, et al. 1989. Polychlorinated dibenzo-*p*-dioxins and dibenzofurans in selected estuarine sediments. *Chemosphere* 18:553-560.
- *Nygren M, Hansson M, Sjoestroem M, et al. 1988. Development and validation of a method for determination of PCDDs and PCDFs in human blood plasma. A multivariate comparison of blood and adipose tissue levels between Vietnam veterans and matched controls. *Chemosphere* 17:1663-1692.
- Nygren, M, Rappe C, Lindstrom G, et al. 1986. Identification of 2,3,7-substituted polychlorinated dioxins and dibenzofurans in environmental and human samples. In: Rappe C, Choudhury, G, Keith LH, eds. Chlorinated dioxins and dibenzofurans in perspective. Chelsea, MI: Lewis Publishers. Inc., 17-34.
- *Öberg LG, Rappe C. 1992. Biochemical formation of PCDD/Fs from chlorophenols. *Chemosphere* 25:49-52.
- Öberg T, Bergstrom JGT. 1987. Emission and chlorination pattern of PCDD/PCDF predicted from indicator parameters. *Chemosphere* 16:1221-1230.
- *Oehme M. 1991. Dispersion and transport paths of toxic persistent organochlorines to the Arctic levels and consequences. *Science of the Total Environment* 106:43-53.

8. REFERENCES

- *Oehme M, Bartonova A, Knutzen J. 1990. Estimation of polychlorinated dibenzofuran and dibenzo-*p*-dioxin contamination of coastal region using isomer profiles in crabs. *Environmental Science and Technology* 24:1836-1841.
- *Oehme M, Mano S, Bjerke B. 1989. Formation of polychlorinated dibenzofurans and dibenzo-*p*-dioxins by production processes for magnesium and refined nickel. *Chemosphere* 18:1379-1389.
- *Oehme M, Mano S, Mikalsen A, et al. 1986. Quantitative Method for the determination of femtogram amounts of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in outdoor air. *Chemosphere* 15:607-617.
- *Oguri K, Kamimura H, Koga N, et al. 1987. Mechanisms for stimulated fecal excretion of 2,3,4,7,8-pentachlorodibenzofuran in rats by treatment with squalane and liquid paraffin. *Chemosphere* 16:1707-1712.
- *Oishi S, Hiraga K. 1978. Is a mixture of polychlorinated dibenzofurans an inducer of hepatic porphyria? *Food Cosmet Toxicol* 16:47-48.
- *Oishi S, Hiraga K. 1980. Effect of polychlorinated biphenyl, dibenzofuran and dibenzo-*p*-dioxin on the susceptibility of male mice to endotoxin. *J Environ Sci Health* 15:77-85.
- *Oishi S, Morita M, Fukuda H. 1978. Comparative toxicity of polychlorinated biphenyls and dibenzofurans in rats. *Toxicol Appl Pharmacol* 43:13-22.
- *O'Keefe P, Hilker D, Meyer C. 1984. Tetrachlorodibenzo-*p*-dioxins and tetrachlorodibenzofurans in Atlantic Coast striped bass and in selected Hudson River fish, waterfowl and sediments. *Chemosphere* 13:849-860.
- *O'Keefe PW, Hilker DR, Smith RM, et al. 1986. Nonaccumulation of chlorinated dioxins and furans by goldfish exposed to contaminated sediment and fly ash. *Bull Environ Contam Toxicol* 36:452-459.
- *Okumura M. 1984. Past and current medical states of Yusho patients. *Am J Ind Med* 5:13-18.
- *Okumura M, Yamanaka M, Nakamura S. 1979. [Ten year follow-up study of serum triglyceride levels in patients with PCB poisoning.] *Fukuoka Igaku Zasshi* 70:208-210. (Japanese)
- *Opperhuizen A, Sijm DTHM. 1990. Bioaccumulation and biotransformation of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in fish. *Environmental Toxicology and Chemistry* 9: 175- 186.
- *OTA. 1990. Neurotoxicity: Identifying and controlling poisons of the nervous system. Washington, DC: Office of Technology Assessment, U.S. Congress. OTA-BA-438. April 1990.
- *Palauschek N, Scholz B. 1987. Destruction of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in contaminated water samples using ozone. *Chemosphere* 16: 1857- 1863.
- *Päpke O, Ball M, Lis ZA, et al. 1989. PCDD/PCDF in whole blood samples of unexposed persons. *Chemosphere* 19:941-948.

8. REFERENCES

- *Patterson Jr DG, Ffirst P, Henderson LO, et al. 1989a. Partitioning of in-viva bound PCDDS-PCDFs among various compartments in whole blood. *Chemosphere* 19:135-142.
- *Patterson Jr DG, Ffirst P, Alexander LR, et al. 1989b. Analysis of human serum for PCDDs/PCDFs: A comparison of three extraction procedures. *Chemosphere* 19:989-996.
- *Patterson DG, Hampton L, Lapeza CR, et al. 1987. High resolution gas chromatographic/high-resolution mass spectrometric analysis of human serum on a whole weight and lipid basis for 2,3,7,8-tetrachlorodibenzo-*p*-dioxins. *Anal Chem* 59:2000-2005.
- *Patterson DG, Holler JS, Smith SJ, et al. 1986. Human adipose data for 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in certain U.S. samples. *Chemosphere* 15:2055-2060.
- *Patterson DG Jr, Isaacs SG, Alexander LR, et al. 1991. Method 6: Determination of specific polychlorinated dibenzo-*p*-dioxins and dibenzofurans in blood and adipose tissue by isotope dilution-high-resolution mass spectrometry. *IARC Sci Publ* 111(108):299-342.
- *Pazdernik TL, Rozmann KK. 1985. Effect of thyroidectomy and thyroxine on 2,3,7,8-tetrachlorodibenzo-*p*-dioxin-induced immunotoxicity. *Life Sci* 36:695-703.
- *Petreas MX, Goldman LR, Hayward DG, et al. 1991. Biotransfer and bioaccumulation of PCDD/PCDFs from soil: Controlled exposure studies of chickens. *Chemosphere* 23: 173 1-1741.
- *Petty JD, Stalling DL, Smith LM, et al. 1983. Occurrence and potential impact of PCDFs and PCDDs in aquatic ecosystems. *Trace Subst Environ Health* 17:96-102.
- *Piacitelli LA, Sweeney MH, Fingerhut MA, et al. 1992. Serum levels of PCDDs and PCDFs among workers exposed to 2,3,7,8-TCDD contaminated chemicals. *Chemosphere* 25:251-254.
- Pitot HC, Goldsworthy T, Campbell HA et al. 1980. Quantitative evaluation of the promotion by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin of hepatocarcinogenesis from diethylnitrosamine. *Cancer Res* 40:3616-3620.
- *Pluess N, Poiger H, Hohbach C, et al. 1988a. Subchronic toxicity of some chlorinated dibenzofurans PCDFs and a mixture of PCDFs and chlorinated dibenzodioxins PCDDs in rats. *Chemosphere* 17:973-984.
- *Pluess N, Poiger H, Hohbach C, et al. 1988b. Subchronic toxicity of 2,3,4,7,8-Pentachlorodibenzofuran (PeCDF) in rats, *Chemosphere* 17: 1099-1110.
- *Poiger H, Pluess N, Buser HR. 1989a. The metabolism of selected PCDFs in the rat. *Chemosphere* 18:259-264.
- *Poiger H, Pluess N, Schlatter C. 1989b. Subchronic toxicity of some chlorinated dibenzofurans in rats. *Chemosphere* 18:265-275.
- *Poland A, Glover E. 1980. 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin: Segregation of toxicity with the Ah locus. *Mol Pharmacol* 17:86-94.

8. REFERENCES

- *Poland A, Knutson JC. 1982. 2,3,7,8-Tetrachlorodibenzo-p-dioxin and related halogenated aromatic hydrocarbons: Examination of the mechanism of toxicity. *Ann Rev Pharmacol Toxicol* 22:517-554.
- *Poland A, Glover E, Kende AS. 1976. Stereospecific, high affinity binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin by hepatic cytosol. Evidence that the binding species is receptor for induction of aryl hydrocarbon hydroxylase. *J Biol Chem* 251:4936-4946.
- *Poland A, Palen D, Glover E. 1982. Tumour promotion by TCDD in skin of HRS/J hairless mice. *Nature* 300:271-273.
- *Rappe C. 1987. Global distribution of polychlorinated dioxins and dibenzofurans. ACS Symposium Series no. 338, 20-33.
- *Rappe C. 1989. Analytical methods and exposure assessment. *Chemosphere* 18:17-22.
- *Rappe C. 1991. Sources of and human exposure to PCDDs and PCDFs. In: Banbury Report 35: Biological basis for risk assessment of dioxins and related compounds. Cold Spring Harbor Laboratory, 121-131.
- *Rappe C. 1992. Dietary exposure and human levels of PCDDs and PCDFs. *Chemosphere* 25:231-234.
- *Rappe C, Buser HR. 1981. Occupational exposure to polychlorinated dioxins and dibenzofurans. American Chemical Society Symposium Series No. 149, 319-342.
- *Rappe C, Andersson R, Bergqvist, et al. 1987. Overview on environmental fate of chlorinated dioxins and dibenzofurans. Sources, levels and isomeric patterns in various matrices. *Chemosphere* 16:1603-1618.
- *Rappe C, Andersson R, Lundstrom K, et al. 1990b. Levels of polychlorinated dioxins and dibenzofurans in commercial detergents and related products. *Chemosphere* 21:43-50.
- *Rappe C, Bergqvist PA, Kjeller LO, et al. 1991. Levels and patterns of PCDD and PCDF contamination in fish, crabs, and lobsters from Newark Bay and the New York Bight. *Chemosphere* 22:239-266.
- *Rappe C, Buser HR, Bosshardt HP. 1979. Dioxins, dibenzofurans and other polyhalogenated aromatics: production, use, formation, and destruction. *Ann NY Acad Sci* 320:1-18.
- *Rappe C, Glas B, Kjeller LO, et al. 1990a. Levels of PCDDs and PCDFs in products and effluent from the Swedish pulp and paper industry and chloralkali process. *Chemosphere* 20:1701-1706.
- *Rappe C, Kjeller LO, Andersson R. 1989~. Analyses of PCDDs and PCDFs in sludge and water samples. *Chemosphere* 19:13-20.
- Rappe C, Kjeller LO, Bruckman P, et al. 1988. Identification and quantification of PCDFs and PCDDs in urban air. *Chemosphere*. 17:3-20.

8. REFERENCES

- *Rappe C, Kjeller LO, Kulp SE, et al. 1991. Levels, profile and pattern of PCDDs and PCDFs in samples related to the production and use of chlorine. *Chemosphere* 23:1629-1636.
- *Rappe C, Lundstroem G, Glas B, et al. 1990b. Levels of PCDDs in milk cartons in commercial milk. *Chemosphere* 20:1649-1656.
- *Rappe C, Marklund S, Kjeller LO, et al. 1989b. Long-range transport of PCDDs and PCDFs on airborne particles. *Chemosphere* 18:1283-1290.
- Rappe C, Nygren M, Marklund S, et al. 1985. Assessment of human exposure to polychlorinated dibenzofurans and dioxins. *Environ Health Perspect* 60:303-304.
- *Rappe C, Swanson SE, Glas B. 1989a. Formation of PCDDs and PCDFs by the chlorination of water. *Chemosphere* 19: 1875-1880.
- *Reed LW, Hunt GT, Maisel BE, et al. 1990. Baseline assessment of PCDDs/PCDFs in the vicinity of the Elk River, Minnesota generating station. *Chemosphere* 21:159-172.
- *Reid NW, Orr DB, Shackleton MN, et al. 1990. Monitoring dioxins and dibenzofurans in precipitation in Ontario. *Chemosphere* 20:1467-1472.
- *Reiner EJ, Schellenberg DH, Taguchi VY. 1991. Environmental applications for the analysis of chlorinated dibenzo-*p*-dioxins and dibenzofurans using mass-spectrometry/mass spectrometry. *Environmental Science Technology* 25: 110-117.
- *Reisch A, Reissinger M, Thoma H, et al. 1989. Accumulation of organic air constituents by plant surfaces: Part IV. Plant surfaces: A sampling system for atmospheric polychlorinated dibenzo-*p*-dioxin (PCDD) and polychlorodibenzo-*p*-furan (PCDF) *Chemosphere* 18:561-568.
- *Remmers J, Dupuy A, McDaniel, et al. 1992. Polychlorinated dibenzo-*p*-dioxin and dibenzofuran contamination in chlomail and carbazole violet. *Chemosphere* 25:1505-1558.
- Riss A, Hagenmaier H, Webertuss U, et al. 1990. Comparison of PCDD/PCDF levels in soil, grass, cow's milk, human blood and spruce needles in an area of PCDD/PCDF contamination through emissions from a metal reclamation plant. *Chemosphere*. 21:1451-1456.
- *Rogan WJ. 1989. Yu-Cheng, Chapter 14. In: Kimbrough RD, Jensen AA, eds. Halogenated biphenyls, terphenyls, naphthalenes, dibenzodioxins and related products, 2nd ed. Amsterdam: Elsevier Science Publishers, 401-415.
- *Rogan WJ, Gladen BC, Hung K-L, et al. 1988. Congenital poisoning by polychlorinated biphenyls and their contaminants in Taiwan. *Science* 241:334-336.
- *Rozman K, Rozman T, Scheufler E, et al. 1985. Thyroid hormones modulate the toxicity of 2,3,7,8-TCDD. *J Toxicol Environ Health* 16:481-491.
- *Rozman K, Pfeifer B, Kerecsen L, et al. 1991. Is a serotonergic mechanism involved in 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD)-induced appetite suppression in the Sprague-Dawley rat? *Arch Toxicol* 65: 124- 128.

8. REFERENCES

- *Rordorf BF. 1986. Thermal properties of dioxins, furans and related compounds. *Chemosphere* 15:1325-1332.
- Rordorf BF, Sarna LP, Webster GRB, et al. 1990. Vapor pressure measurements on halogenated dibenzo-*p*-dioxins and dibenzofurans: An extended data set for a correlation method. *Chemosphere* 20:1603-1609.
- *Ryan JJ. 1986. Variation of dioxins and furans in human tissues. *Chemosphere* 15:1585-1593.
- *Ryan JJ. 1991a. Method 2: Extraction of human and cows' milk samples for the determination of polychlorinated dibenzodioxins and dibenzofurans. *IARC Sci Publ* 11(108):205-209.
- *Ryan JJ. 1991b. Method 1: Sampling of drinking-waters containing low suspended solids. *IARC Sci Publ* 11(108):199-203.
- *Ryan JJ, Conacher HBS, Panopio LG, et al. 1991. Gas-chromatographic separations of all 136 tetrato octa-polychlorinated dibenzo-*para*-dioxins and polychlorinated dibenzofurans on 9 different stationary phases. *J Chromatogr* 541:131-183.
- *Ryan JJ, Gasiewicz TA, Brown Jr JF. 1990. Human body burden of polychlorinated dibenzofurans associated with toxicity based on the Yusho and Yu-cheng incidents. *Fundam Appl Toxicol* 15:722-731.
- *Ryan J, Levesque D, Luz GP, et al. 1993. Elimination of polychlorinated dibenzofurans (PCDFs) and polychlorinated biphenyls (PCBs) from human blood in the Yusho and Yu-Cheng rice oil poisonings. *Arch Environ Contam Toxicol* 24:504-512.
- *Ryan JJ, Lizotte R, Lewis D. 1987b. Human tissue levels of PCDDs and PCDFs from a fatal pentachlorophenol poisoning. *Chemosphere* 16: 1989-1996.
- *Ryan JJ, Lizotte R, Panopio LG, et al. 1989. The effect of strong alkali on the determination of polychlorinated dibenzofurans PCDs and polychlorinated dibenzo-*p*-dioxins PCDDs. *Chemosphere* 18:149-154.
- *Ryan JJ, Lizotte R, Sakuma T, et al. 1985b. Chlorinated dibenzo-*p*-dioxins chlorinated dibenzofurans and pentachlorophenol in Canadian chicken and pork samples. *J Agric Food Chem* 33:1021-1026.
- *Ryan JJ, Panopio LG, Lewis DA, et al. 1991. Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans in cow's milk packaged in plastic-coated bleached paperboard containers. *J Agric Food Chem* 39:218-223.
- *Ryan JJ, Schecter A, Lizotte R, et al. 1985a. Tissue distributions of dioxins and furans in humans from the general population. *Chemosphere* 14:929-932.
- *Ryan JJ, Schecter A, Masuda Y, et al. 1987a. Comparison of PCDDs and PCDFs in the tissue of Yusho patients with those from the general population in Japan and China. *Chemosphere* 16:2017-2025.

8. REFERENCES

- *Ryan JJ, Schechter A, Sun NF, et al. 1986. Distribution of chlorinated dibenzo-*p*-dioxins and chlorinated dibenzofurans in human tissues from the general population. In: Rappe C, Choudhury, G, Keith LH, eds. 1986. Chlorinated dioxins and dibenzofurans in Perspective. Chelsea, MI: Lewis Publishers, Inc, 3-16.
- *Ryan JJ, Shewchuk C, Lau BPY, et al. 1992a. Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans in Canadian bleached paperboard milk containers (1988-1989) and their transfer to fluid milk. *J Agric Food Chem* 40:919-923.
- Safe S. 1987. Determination of 2,3,7,8-TCDD toxic equivalent factors (TEFs): Support for the use of the *in vitro* AHH induction assay. *Chemosphere* 16:791-802.
- *Safe S. 1990a. Polychlorinated biphenyls (PCBs), dibenzo-*p*-dioxins (PCDDs), dibenzofurans (PCDFs), and related compounds: Environmental and mechanistic considerations which support the development of toxic equivalency factors (TEFs). *Crit Rev Toxicol* 21:51-88.
- *Safe S. 1990b. Polychlorinated dibenzofurans: Environmental impact, toxicology and risk assessment. In: Hazard assessment of chemicals--current developments. Washington, DC: Hemisphere Publishing Co. 283-327.
- *Safe S. 1991. Polychlorinated dibenzofurans: Environmental impact, toxicology, and risk assessment. *Toxic Substances Journal* 11:177-222, 287.
- *Safe S. 1992. Development, validation and limitations of toxic equivalency factors. *Chemosphere* 25:61-64.
- *Safe SH, Safe LM. 1984. Synthesis and characterization of twenty-two purified polychlorinated dibenzofurans congeners. *J Agric Food Chem* 32:68-71.
- *Safe S, Brown KW, Donnelly KC, et al. 1992. Polychlorinated dibenzo-*p*-dioxins and dibenzofurans associated with wood-preserving chemical sites: Biomonitoring with pine needles. *Environmental Science and Technology* 26:394-396.
- *Safe S, Bunce NJ, Chittim B, et al. 1977. Photodecomposition of halogenated aromatic compounds. Keith LH, ed. 1977. Identification and analysis of organic pollutants in water. Ann Arbor, MI: Ann Arbor Science, 35-57.
- Safe S, Harris M, Zacharewski T. 1991. Development and validation of bioassays for polychlorinated dibenzo-*p*-dioxins and dibenzofurans. *IARC Sci Publ* 11(108):147-159.
- *Safe S, Mason G, Keys B, et al. 1986. Polychlorinated dibenzo-*p*-dioxins and dibenzofurans: Correlation between *in vitro* and *in vivo* structure-activity relationships (SARs). *Chemosphere* 15:9-12.
- Safe S, Zacharewski T, Safe L. 1989. Validation of the AHH induction bioassay for the determination of 2,3,7,8-TCDD toxic equivalents. *Chemosphere* 18:941-946.
- Sarna LP, Hodge PE, Webster GRB. 1984. Octanol-water partition coefficients of chlorinated dioxins and dibenzofurans by reversed-phase high-performance liquid chromatography using several C 18 columns. *Chemosphere* 13:975-984.

8. REFERENCES

- *Schechter AJ. 1983. Contamination of an office building in Binghamton, New York by PCBs, dioxins, furans and biphenyls after an electrical panel and electrical transformer incident. *Chemosphere* 12:669-680.
- *Schechter A. 1985. Medical surveillance of exposed persons after exposure to PCBs, chlorinated dibenzodioxins and dibenzofurans after PCB transformer or capacitor incidents. *Environ Health Perspect* 60:333-338.
- *Schechter A. 1986. The Binghamton state office building PCB, dioxin and dibenzofuran electrical transformer incident: 1981-1986. *Chemosphere* 15:1273-1280.
- *Schechter A. 1987. The Binghamton state office building PCB transformer incident 1981-1987. *Chemosphere* 16:2155-2160.
- *Schechter A. 1991. Dioxins and related chemicals in humans and in the environment. In: Banbury report 35: Biological basis for risk assessment of dioxins and related compounds. Cold Spring Harbor Laboratory, 169-214.
- *Schechter A. 1992. Reviewer comments on Toxicological Profile for Chlorinated Dibenzofurans regarding on-going studies of CDFs. SUNY Health Science Center, Binghamton, NY.
- *Schechter A, Charles K. 1991. The Binghamton state office building transformer incident after one decade. *Chemosphere* 23: 1307-1 321.
- *Schechter A, Gasiewicz TA. 1987a. Human breast milk levels of dioxins and dibenzofurans: Significance with respect to current risk assessments. ACS Symposium Series no. 338, 162-173.
- *Schechter A, Gasiewicz TA. 1987b. Health hazard assessment of chlorinated dioxins and dibenzofurans contained in human milk. *Chemosphere* 16:2147-2154.
- *Schechter A, Ryan JJ. 1989. Blood and adipose tissue levels of PCDDs-PCDFs over three years in a patient after exposure to polychlorinated dioxins and dibenzofurans. 1989. *Chemosphere* 18:635-642.
- *Schechter A, Tiernan T. 1985. Occupational exposure to polychlorinated dioxins, polychlorinated furans, polychlorinated biphenyls and biphenylenes after an electrical panel and transformer accident in an office building in Binghamton, New York. *Environ Health Perspect* 60:305-313.
- *Schechter A, Fürst P, Fiirst C, et al. 1989~. Levels of polychlorinated dibenzodioxins and dibenzofurans in cow's milk and in soybean derived infant formulas sold in the United States and other countries. *Chemosphere* 19:913-918.
- *Schechter A, Fiirst P, Ffirst C, et al. 1990c. Levels of dioxins, dibenzofurans and other chlorinated xenobiotics in human milk from the Soviet Union. *Chemosphere* 20:927-934.
- *Schechter A, Fürst P, Ffirst C, et al. 1991b. Dioxins, dibenzofurans and selected chlorinated organic compounds in human milk and blood from Cambodia, Germany, Thailand, the USA, the USSR, and Vietnam. *Chemosphere* 23: 1903- 19 12.

8. REFERENCES

*Schechter A, First P, Ryan JJ, et al. 1989d. Polychlorinated dioxin and dibenzofuran levels from human milk from several locations in the United States, Germany and Vietnam. *Chemosphere* 19:979-984.

*Schechter AJ, Malkin R, Papke O, et al. 1991~. Dioxin levels in blood of municipal incinerator workers. *Med Sci Res* 19:331-332.

*Schechter A, Mes J, Davies D. 1989a. Polychlorinated biphenyl (PCB), DDT, DDE and hexachlorobenzene (HCB) and PCDD/F- isomer levels in various organs in autopsy tissue from North American patients. *Chemosphere* 18:811-818.

*Schechter A, Papke O, Ball M. 1990a. Evidence for transplacental transfer of dioxins from mother to fetus: Chlorinated dioxin and dibenzofuran levels in the livers of stillborn infants. *Chemosphere* 21:1017-1022.

*Schechter A, Papke O, Ball M, et al. 1991a. Partitioning of dioxins and dibenzofurans: Whole blood, blood plasma and adipose tissue. *Chemosphere*. 23: 1913-1919.

*Schechter A, Ryan JJ, Constable JD. 1987. Polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran levels in human breast milk from Vietnam compared with cow's milk and human breast milk from the North American Continent. *Chemosphere* 16:2/003-2016.

*Schechter A, Ryan JJ, Constable JD. 1989b. Chlorinated dioxins and dibenzofurans in human milk from Japan, India, and the United States of America. *Chemosphere* 18:975-980.

*Schechter A, Ryan JJ, Gitlitz G. 1986. Chlorinated dioxin and dibenzofuran levels in human adipose tissues from exposed and control populations. In: Rappe C, Choudhury G, Keith LH, eds. *Chlorinated dioxins and dibenzofurans in perspective*. Chelsea, MI: Lewis Publishers, Inc, 51-56.

*Schechter A, Ryan JJ, Kostyniak PJ. 1990b. Decrease over a six year period of dioxin and dibenzofuran tissue levels in a single patient following exposure. *Chemosphere* 20:911-917.

*Schechter A, Ryan JJ, Lizotte R, et al. 1985~. Chlorinated dibenzodioxins and dibenzofurans in human adipose tissue from exposed and control New York State patients. *Chemosphere* 14:933-937.

*Schechter A, Schaffner F, Tiernan T, et al. 1985b. Biological markers after exposure to polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls and related chemicals, Part II: Ultrastructural characterization of human liver biopsies. In: Keith H, Rappe H, Choudhry G, eds. Stoneham, MA: Ann Arbor Science, Butterworth Publishers, 247-264.

*Schechter A, Startin J, Wright C, et al. 1993. Dioxin levels in food from the United States with estimated daily intake. In: Fiedler H, Frank H, Otto H, et al., eds. *Organohalogen compounds*, Vol. 13. Vienna: Federal Environmental Agency, 93-96.

*Schechter A, Tiernan T, Schaffner F, et al. 1985a. Patient fat biopsies for chemical analysis and liver biopsies for ultrastructural characterization after exposure to polychlorinated dioxins, furans and PCBs. *Environ Health Perspect* 60:241-254.

8. REFERENCES

- *Schoeny R. 1982. Mutagenicity testing of chlorinated biphenyls and chlorinated dibenzofurans. *Mutat Res* 101:45-56.
- *Schramm K-W, Kuettner T, Weber S, et al. 1992. Dioxin hair analysis as monitoring pool. *Chemosphere* 24:351-358.
- *Sedman RM, Esparza JR. 1991. Evaluation of the public health risks associated with semivolatile metal and dioxin emissions from hazardous waste incinerators. *Environ Health Perspect* 94:181-188.
- *Sherman RK, Clement RE, Tashiro C. 1990. The distribution of polychlorinated dibenzo-p-dioxins and dibenzofurans in Jackfish Bay, Lake Superior, in relation to kraft pulp mill effluent. *Chemosphere* 20:1641-1648.
- *Shigematsu N, Ishimaru S, Ikeda T, et al. 1977. [Further studies on respiratory disorders in polychlorinated biphenyls (PCB) poisoning. *Fukuoka Ishi* 68:133-138. (Japanese)]
- *Shigematsu N, Norimatsu Y, Ishibashi T, et al. 1971. [Clinical and experimental studies on respiratory involvement in chlorobiphenyls poisoning.] *Fukuoka Igaku Zasshi* 62:150-156. (Japanese)]
- Shiraishi H, Pilkington NH, Otsuki A, et al. 1985. Occurrence of chlorinated polynuclear aromatic hydrocarbons in tap water. *Environmental Science and Technology* 19:585-589.
- *Siebert PC, Alston DR, Walsh JF, et al. 1987. Statistical properties of available worldwide MSW combustion dioxin/furan emissions. In: *Proceedings of the APCA Annual Meeting, New York, NY., June 21-26, 1987*, 1-20.
- *Sijm DTHM, Wever H, DeVries PJ, et al. 1989. Octanol-water partition coefficients of polychlorinated dibenzo-p-dioxins and dibenzofurans: Experimental values determined with a stirring method. *Chemosphere* 19:263-266.
- *Skene SA, Dewhurst IC, Greenberg M. 1989. Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans: The risks to human health. A review. *Hum Toxicol* 8:173-203.
- *Smith LM, Schwartz TR, Feltz K, et al. 1990. Determination and occurrence of AHH-active polychlorinated-biphenyls, 2,3,7,8-tetrachloro-para-dioxin and 2,3,7,8-tetrachlorodibenzofuran in Lake Michigan sediment and biota. The question of their relative toxicological significance. *Chemosphere* 21:1063-1085.
- *Smith LM, Stalling DH, Johnson JL. 1984. Determination of part-per-trillion levels of polychlorinated dibenzofurans and dioxins in environmental samples. *Anal Chem* 56: 1830- 1842.
- *Smith RM, O'Keefe PW, Aldous KM, et al. 1990. Chlorinated dibenzofurans and dioxins in atmospheric samples from cities in New York. *Environmental Science and Technology* 24: 1502-1506.
- *Smith RM, O'Keefe PW, Hilker DR, et al. 1986. Determination of picogram per cubic meter concentrations of tetrachlorinated and pentachlorinated dibenzofurans and dibenzo-p-dioxins in indoor air by high-resolution gas chromatography/high resolution mass spectrometry. *Anal Chem* 58:2414-2420.

8. REFERENCES

- *Smith RM, O'Keefe PW, Hilker KA, et al. 1991. Method 8: Determination of chlorinated dibenzofurans and dibenzo-*p*-dioxins in polychlorinated biphenyl fire combustion products by gas chromatography-mass spectrometry. IARC Sci Publ 11 (108):357-375.
- *Someshwar AV, Jain AK, Whittemore RC, et al. 1990. The effects of sludge burning on the PCDD/PCDF content of ashes from pulp and paper mill hog fuel boilers. Chemosphere 20:1715-1722.
- *Stalling DL, Norstrom RJ, Smith LM, et al. 1985. Patterns of PCDD, and PCB contamination in Great Lakes fish and birds and their characterization by principal components analysis. Chemosphere 14:627-643.
- *Stanker LH, Watkins B, Rogers N, et al. 1987. Monoclonal antibodies for dioxin: Antibody characterization and assay development. Toxicology 45:229-243.
- *Stanley JS, Bauer KM, Turman K, et al. 1989. Determination of body burdens for polychlorinated dibenzo-*p*-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) in California residents. Air Resources Board, State of California, Sacramento, CA. NTIS PB90-148289.
- *Stanley JS, Boggess KE, Onstott J, et al. 1986. PCDDs and PCDFs in human adipose tissue from the EPA FY82 NHATS repository. Chemosphere 15:1605-1612.
- *SteerPI Tashiro C, Clement R, et al. 1990. Ambient air sampling of polychlorinated dibenzo-*p*-dioxins and dibenzofurans in Ontario: Preliminary results. Chemosphere 20: 143 1- 1437.
- *Stephens RD. 1986. Transformer fire. Chemosphere 15:1281-1289.
- *Stieglitz L, Zwick G, Beck J, et al. 1989. Carbonaceous particles in fly ash a source for the *de nova* synthesis of organochloro compounds. Chemosphere 19:283-290.
- *Svenson A, Kjeller LO, Rappe C. 1989b. Enzymatic chlorophenol oxidation as a means of chlorinated dioxin and dibenzofuran formation. Chemosphere 19:585-587.
- *Svenson A, Kjeller LO, Rappe C. 1989b. Enzyme-mediated formation of 2,3,7,8-tetra-substituted chlorinated dibenzodioxins and dibenzofurans. Environmental Science and Technology 23:900-902.
- *Svensson BG, Nilsson A, Hansson M, et al. 1991. Exposure to dioxins and dibenzofurans through the consumption of fish. N Engl J Med 324:8-12.
- Sunahara GI, Nelson KG, Wong TK, et al. 1987. Decreased human birth weights after *in utero* exposure to PCBs and PCDFs are associated with decreased placental EGF-stimulated receptor autophosphorylation capacity. Mol Pharmacol 32:527-578.
- *Swerev M, Ballschmitter K. 1989. Pattern analysis of PCDDs and PCDFs in environmental samples as an approach to an occurrence-source correlation. Chemosphere 18:609-616.
- *Takayama K, Miyata H, Mimura M, et al. 1991. Evaluation of biological effects of polychlorinated compounds found in contaminated cooking oil responsible for the disease "Yusho." Chemosphere 22:537-546.

8. REFERENCES

- *Takeshita R, Akimoto Y. 1989. Control of PCDD and PCDF formation in fluidized bed incinerators. *Chemosphere* 19:345-352.
- *Taki I, Hisanaga S, Amagase Y. 1969. [Report on Yusho (chlorobiphenyls poisoning) pregnant women and their fetuses.] *Fukuoka Igaku Zasshi* 60:471-474. (Japanese)
- *Takizawa Y, Muto H. 1987. PCDDs and PCDFs carried to the human body from the diet. *Chemosphere* 16:1971-1975.
- *Tanabe S, Kannan N, Wakimoto T, et al. 1989. Isomer-specific determination and toxic evaluation of potentially hazardous coplanar PCBs, dibenzofurans and dioxins in the tissues of "Yusho" PCB poisoning victim and in the causal oil. *Environmental Toxicology and Chemistry* 24:215-231.
- *Tashiro C, Clement RE, Reid N, et al. 1989. Determination of dioxins and furans in precipitation collected in urban and rural Ontario Canada locations. *Chemosphere* 19:535-540.
- *Tashiro C, Clement RE, Szokolcai A, et al. 1989. Comparison of high volume sampling techniques for dioxins and furans in ambient air. *Chemosphere* 19:1-6.
- *Taucher JA, Hannah DJ, Green NJL, et al. 1992a. PCDD, PCDF and PCB emissions under variable operating conditions from a waste oil furnace. *Chemosphere* 25:1429-1433.
- *Thorna H, Muecke W, Kauert G. 1990. Comparison of the polychlorinated dibenzo-*p*-dioxin and dibenzofuran in human tissue and human liver. *Chemosphere* 20:433-442.
- *Thomas RG. 1982. Volatilization from water. In: Lyman WH, Riehl WF, Rosenblatt DH, eds. *Chemical property estimation methods*. New York, NY: McGraw-Hill Book Co., 15-16.
- *Thompson Jr HC, Kendall DC, Korfmacher WA, et al. 1986. Assessment of the contamination of a multibuilding facility by polychlorinated biphenyls, polychlorinated dibenzo-*p*-dioxins, and polychlorinated dibenzofurans. *Environmental Science and Technology* 20:597-603.
- *Tiernan TO, Garrett JH, Solch JG, et al. 1987. Improved separation procedures for isolating 2,3,7,8-TCDD and 2,3,7,8-TCDF from chemically complex aqueous-and solid-sample matrices and for definitive quantitation of these isomers at ppq to ppt concentrations. *Chemosphere* 18:93-100.
- *Tiernan TO, Taylor ML, Garrett JH, et al. 1985. Sources and fate of polychlorinated dibenzodioxins, dibenzofurans and related compounds in human environments. *Environ Health Perspect* 59:145-158.
- *Tiernan TO, Taylor ML, VanNess GF, et al. 1984. Analyses of human tissues for chlorinated dibenzo-*p*-dioxins and chlorinated dibenzofurans: The state of the art. In: *Public health risks of the dioxins*. Lowrance, WW, ed. New York, NY: Rockefeller University, 31-56.
- *Tiernan TO, Wage1 DJ, Garrett JH, et al. 1989. Laboratory and field tests to demonstrate the efficacy of KPEG reagent for detoxification of hazardous wastes containing polychlorinated dibenzo-*p*-dioxins (PCDD) and dibenzofurans (PCDF) and soils contaminated with such chemical wastes. *Chemosphere* 18:835-841.

8. REFERENCES

- *Tiernan TO, Wage1 DJ, Vanness GF, et al. 1988. PCDD-PCDF in the ambient air of a metropolitan area in the USA. *Chemosphere* 19:541-546.
- *Tohyama C, Hirano S, Suzuki KT. 1992. Disposition and excretion of 2-chlorodibenzofuran in the rat. *Arch Environ Contam Toxicol* 22:176-182.
- *Tondeur Y, Beckert WF. 1991. Method 3: Determination of polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans in various environmental matrices by high-resolution gas chromatography-high-resolution mass spectrometry. *IARC Sci Publ* 11 (108):211-249.
- *Tondeur Y, Beckert WF, Billets S, et al. 1989. Method 8290: An analytical protocol for the multimedia characterization of polychlorinated dibenzodioxins and dibenzofurans by high-resolution gas chromatography/high-resolution mass spectrometry. *Chemosphere* 18: 119- 131.
- *Tondeur Y, Chu M, Hass JR. 1991. Method 9: Determination of polychlorinated dibenzodioxins and dibenzofurans in ambient air and airborne dust samples by high-resolution gas chromatography-high-resolution mass spectrometry. *IARC Sci Publ* 11 (108):377-398.
- *Tong HY, Karasek FW. 1986. Comparison of PCDD and PCDF in flyash collected from municipal incinerators of different countries. *Chemosphere* 15: 1219-1224.
- *Tong HY, Shore DL, Karasek FW, et al. 1984. Identification of organic compounds obtained from incineration of municipal waste by high-performance liquid chromatographic fractionation and gas chromatography-mass spectrometry. *J Chromatogr* 285:423-441.
- *Toshitani S, Asahi M, Honbo S, et al. 1985. [Dermatological findings in the general examination of Yusho in 1983-1984.1 *Fukuoka Ishi* 76:239-243. (Japanese)
- *Travis CC, Hattemer-Frey HA. 1989. A perspective on dioxin emissions from municipal solid waste incinerators. *Risk Anal* 9:91-97.
- *TRI89. 1992. Toxic Chemical Release Inventory. National Library of Medicine, National Toxicology Information Program, Bethesda, MD.
- *Turner WE, Isaacs SG, Patterson DG Jr, et al. 1991. Method 7: Enrichment of biological samples by the semi-automated Smith, Stalling and Johnson method: Human serum and adipose tissue. *IARC Sci Publ* 11(108):343-355.
- *Tysklind M, Rappe C. 1991. Photolytic transformation of polychlorinated dioxins and dibenzofurans in fly ash. *Chemosphere* 23:1365-1375.
- *Uzawa H, Ito Y, Notomi A, et al. 1969. [Hyperglyceridemia resulting from intake of rice oil contaminated with chlorinated biphenyls.] *Fukuoka Igaku Zasshi* 60:449-454. (Japanese)
- *Vaino H, Hesso A, Jtippinen P. 1989. Chlorinated dioxins and dibenzofurans in the environment A hazard to public health? *Stand J Work Environ Health* 15:377-382.
- *Van den Berg M, Poiger H. 1989. Selective retention of PCDDs and PCDFs in mammals: A multiple cause problem. *Chemosphere* 18:677-680.

8. REFERENCES

- *Van den Berg M, Olie K, Hutzinger O. 1985. Polychlorinated dibenzofurans (PCDFs): Environmental occurrence and physical, chemical and biological properties. *Environmental Toxicology and Chemistry* 9:171-217.
- *Van den Berg M, De Vroom E, Van Greevenbroek M. 1985b. Bioavailability of PCDDs and PCDFs adsorbed on fly ash in rat, guinea pig and Syrian golden hamster. *Chemosphere* 14:865-869.
- *Van den Berg M, de Jongh J, Eckhart P, et al. 1989. Disposition and elimination of three polychlorinated dibenzofurans in the liver of the rat. 1989. *Fundam Appl Toxicol* 12:738-747.
- *Van den Berg M, Van der Wielen FWM, Olie K, et al. 1986. The presence of PCDDs and PCDFs in human breast milk from the Netherlands. *Chemosphere* 15:693-706.
- *Vanderlaan M, Stanker LH, Watkins BE, et al. 1988. Improvement and application of an immunoassay for screening environmental samples for dioxin contamination. *Environmental Toxicology and Chemistry* 7:859-870.
- *Vecchi A, Sironi M, Canegrati MA, et al. 1983. Immunosuppressive effects of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in strains of mice with different susceptibility to induction of aryl hydrocarbon hydroxylase. *Toxicol Appl Pharmacol* 68:434-441.
- *Veerkamp W, Wever J, Hutzinger O. 1981. The metabolism of some chlorinated dibenzofurans by rats. *Chemosphere* 10:397-403.
- *Villanueva EC, Jennings RW, Burse VW, et al. 1974. Evidence of chlorodibenzo-*p*-dioxin and chlorodibenzofuran in hexachlorobenzene. *J Agric Food Chem* 22:916-917.
- *Vos JG, Luster MI. 1989. Immune alterations: Chapter 10. In: Kimbrough RD, Jensen AA, eds. *Halogenated biphenyls, terphenyls, naphthalenes, dibenzodioxins and related products*, 2nd ed. Amsterdam: Elsevier Science Publishers, 295-322.
- *Waddell D, Chittim B, Clement R, et al. 1990. Database of PCDD/PCDF levels in ambient air and in samples related to the pulp and paper industry. *Chemosphere* 20:1463-1466.
- *Waern F, Flodström S, Busk L, et al. 1991. Relative liver-tumor promoting activity and toxicity of some polychlorinated dibenzo-*p*-dioxin, dibenzofuran-congeners in female Sprague-Dawley rats. *Pharmacol Toxicol* 69:450-458.
- *Wage1 DJ, Tiernan TO, Taylor ML, et al. 1989. Assessments of ambient air sampling techniques for collecting airborne polyhalogenated dibenzo-*p*-dioxins (PCDDs) dibenzofurans (PCDFs) and biphenyls (PCBs). *Chemosphere* 18:177-184.
- *Weast RC, ed. 1985. *CRC handbook of chemistry and physics*. Boca Raton, FL, CRC Press, 66th ed, C-241.
- *Weber H, Birnbaum LS. 1985. 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) and 2,3,7,8-tetrachlorodibenzofuran (TCDF) in pregnant C57BL/6N mice: Distribution to the embryo and excretion. *Arch Toxicol* 57:159-162.

8. REFERENCES

- *Weber H, Harris MW, Haseman JK, et al. 1985. Teratogenic potency of TCDD, TCDF and TCDD/TCDF combinations in C57BW6N mice. *Toxicol Lett* 26: 159-167.
- *Weber H, Lamb JC, Harris MW, et al. 1984. Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran (TCDF) in mice. *Toxicol Lett* 20:183-188.
- *Weber LWD, Lebofsky M, Greim H, et al. 1991a. Key enzymes of gluconeogenesis are dosedependently reduced in 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD)-treated rats. *Arch Toxicol* 65: 119-123.
- *Weber LWD, Lebofsky M, Stahl BU, et al. 1991b. Reduced activities of key enzymes of gluconeogenesis as possible cause of acute toxicity of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) in rats. *Toxicology* 66:133-144.
- *Whitemore RC, LaFleur LE, Gillespie WJ, et al. 1990. US EPA/Paper industry cooperative dioxin study: The 104 mill study. *Chemosphere* 20:1625-1632.
- *Wiberg K, Lundstrom K, Glas B, et al. 1989. PCDDs and PCDFs in consumers' paper products. *Chemosphere* 19:735-740.
- *Williams DT, LeBel GL, Benoit FM. 1992. Polychlorodibenzodioxins and polychlorodibenzofurans in dioxazine dyes and pigments. *Chemosphere* 24: 169-180.
- *Yanders AF, Orazio CF, Puri RK, et al. 1989. On translocation of 2,3,7,8-Tetrachlorodibenzo-*p*-dioxins: Time dependent analysis at the Times Beach experimental site. *Chemosphere* 19:429-432.
- *Yoshihara S, Nagata K, Yoshimura H, et al. 1981. Inductive effect on hepatic enzymes and acute toxicity of individual polychlorinated dibenzofuran congeners in rats. *Toxicol Appl Pharmacol* 59:580-588.
- *Yoshimura T. 1974. [Epidemiological study on Yusho babies born to mothers who had consumed oil contaminated by PCB.] *Fukuoka Igaku Zasshi* 65:74-80. (Japanese)
- *Yoshimura H, Kamimura H, Oguri K, et al. 1986. Stimulating effect of activated charcoal beads on fecal excretion of 2,3,4,7,8-pentachlorodibenzofuran in rats. *Chemosphere* 15:219-227.
- *Young AL. 1984. Analysis of dioxins and furans in human adipose tissue. *Proceedings on the symposium on Public Health Risks Dioxins*, 63-75.
- *Yu M-L, Gladen BC, Rogan WJ. 1990. Some evidence for dose-response in polychlorinated biphenyls (PCBs) and dibenzofurans (PCDFs) teratogenesis. *Am J Epidemiol* 132:763.
- *Yu M-L, Hsu C-C, Gladen BC, et al. 1991. *In utero* PCB-PCDF exposure: Relation to developmental delay to dysmorphology and dose. *Neurotoxicol Teratol* 13:195-202.
- *Zacharewski T, Harris M, Biegel L, et al. 1992. 6-methyl-1,3,8-trichlorodibenzofuran (MCDF) as an antiestrogen in human and rodent cancer cell lines: Evidence for the role of the Ah receptor. *Toxicol Appl Pharmacol* 113:311-318.

8. REFERENCES

*Zacharewski T, Safe L, Safe S, et al. 1989. Comparative analysis of polychlorinated dibenzo-*p*-dioxin and dibenzofuran congeners in Great Lakes fish extracts by gas chromatography-mass spectrometry and *in vitro* enzyme induction activities. *Environmental Science and Technology* 23:730-735.

*Zitko V. 1992. Patterns of 2,3,7-substituted chlorinated dibenzodioxins and dibenzofurans in aquatic fauna. *Science of the Total Environment* 111:95-108.