Peer Reviewed Publications

by Scientists at OEHHA

January 1987 through April 2012

The following is a compilation of the published works of the Office of Environmental Health Hazard Assessment (OEHHA) staff in peer-reviewed journals for years 1987 through 2011. In addition to state publications available on our website or books, OEHHA encourages staff to publish their work in external journals and books. In several cases these publications reflect collaborative activities with other scientists outside of OEHHA. The OEHHA staff (at the time of publication preparation) that contributed to the publication are underlined.

Abbey D, Ostro BD, Fraser G, Vancuren T, Burchette RJ. 1995. Estimating fine particulates less than 2.5 microns in aerodynamic diameter ($PM_{2.5}$) from airport visibility data in California. J Exp Anal Environ Epidemiol 5(2):161-180.

Abbey D, Ostro BD, Petersen F, Burchette RJ. 1995. Chronic respiratory symptoms associated with estimated long-term ambient concentrations of fine particulates less than 2.5 microns in aerodynamic diameter ($PM_{2.5}$) and other air pollutants. J Exp Anal Environ Epidemiol 5(2):137-159.

Abt E, Rodricks JV, Levy JI, Zeise L, Burke TA. 2010. Science and decisions: advancing risk assessment. Risk Anal. 30(7): 1028-36.

Alexeeff GV, Lipsett MJ, Kizer KW. 1989. Problems associated with the use of immediately dangerous to life and health (IDLH) values for estimating the hazard of accidental chemical releases. Am Ind Hyg Assoc J 50:598-605.

Alexeeff GV, Marty MA, Lipsett MJ. 1989. Comments on permitting resource recovery facilities. Risk Anal 9:153-156.

Alexeeff GV, Satin K, Painter P, Zeise L, Popejoy C, Murchison G. 1989. Chromium carcinogenicity: California strategies. Sci Total Environ 86:159-168.

Alexeeff GV, Kilgore WW, Li M-Y. 1990. Ethylene dibromide: Toxicology and risk assessment. Rev Environ Contam Toxicol 112:50-122.

Alexeeff GV, Lipsett MJ, Lewis DC. 1992. Use of acute toxicology data in risk assessment for accidental releases of toxic gases. J Hazard Mater 29:387-403.

Alexeeff GV, Lewis DC, Ragle NL. 1993. Estimation of potential health effects from acute exposure to hydrogen fluoride using a benchmark dose approach. Risk Anal 13:63-69.

Alexeeff GV, Shusterman DJ, Howd RA, Jackson RJ. 1994. Dose-response assessment of airborne methyl isothiocyanate (MITC) following a metam sodium spill. Risk Anal 14:191-198.

Alexeeff GV, Broadwin R, Liaw J, Dawson SV. 2002. Characterization of the LOAEL-NOAEL uncertainty factor for mild adverse effects from acute inhalation exposure. Reg Toxicol Pharmacol 36:96-105.

Alexeeff, GV and Marty MA. 2008. Protection of Infants, Children, and Other Subpopulations. In: Risk Assessment for Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. 171-200.

Alexeeff GV, Faust JB, August LM, Milanes C, Randles K, Zeise L, Denton J. 2012. A Screening Method for Assessing Cumulative Impacts. *Int. J. Environ. Res. Public Health* 9: 648-659.

Alexander DD, Kelsh MA, Mink PJ, Mandel JH, Basu R, Weingart M. 2007. A meta-analysis of occupational trichloroethylene exposure and liver cancer. International Archives of Occupational and Environmental Health 81(2):127-134.

Ames RG, Stratton JW. 1987. The effect of chlorine dioxide water disinfection on hematologic and serum parameters of renal dialysis patients. Arch Environ Health 42(5):280-285.

Ames RG, Narveson RS, Mengle DC, Womeldorf D. 1988. Cholinesterase depression in California municipal and mosquito abatement district pesticide applicators. J Am Mosquito Control Assoc 4:539-541.

Ames RG, Brown SK, Mengle DC, Kahn E, Stratton JW, Jackson RJ. 1989. Cholinesterase activity depression among California agricultural pesticide applicators. Am J Indus Med 15(2):143-150.

Ames RG, Brown SK, Mengle DC, Kahn E, Stratton JW, Jackson RJ. 1989. Protecting agricultural applicators from over-exposure to cholinesterase-inhibiting pesticides: perspectives from the California programme. J Soc Occup Med 39(3):85.92.

Ames RG, Brown SK, Rosenberg J, Jackson RJ, Stratton JW, Quenon SG. 1989. Health symptoms and occupational exposure to flea control products among California pet handlers. Am Indust Hyg Assoc J 50(9):466-472.

Ames RG. 1991. Multiple-episode conjunctivitis outbreak among workers at a Kern County nut processing facility. J Occup Med 33:505-509.

Ames RG, Mengle DC. 1991. Analyzing cholinesterase measurements: assumptions, statistics, and interpretations. [Letter] J Occup Med 33(2):101,107,112.

Ames RG, Mengle DC. 1991. Analyzing cholinesterase measurements: assumptions, statistics, and interpretations. [Letter] J Occup Med 33(2):101,107,112.

Ames RG, Steenland K, Jenkins B, Chrislip D, Russo J. 1995. Chronic neurologic sequelae to cholinesterase inhibition among agricultural pesticide applicators. Arch Environ Health 50(6):440-444.

Ames RG, Howd RA, Doherty L. 1993. Community exposure to a paraquat drift. Arch Environ Health 48:47-52.

Ames RG, Mengle DC. 1991. Analyzing cholinesterase measurements: assumptions, statistics, and interpretations. [Letter] J Occup Med 33(2):101,107,112.

Ames RG, Stratton JW. 1991. Acute health effects from community exposure to n-propyl mercaptan from an ethoprop (MOCAP)-treated potato field in Siskiyou County, California. Arch Environ Health 46(4):213-217.

Ames RG, Steenland K, Jenkins B, Chrislip D, Russo J. 1995. Chronic neurologic sequelae to cholinesterase inhibition among agricultural pesticide applicators. Arch Environ Health 50(6):440-444.

Ames RG, Gregson J. 1995. Mortality following cotton defoliation: San Joaquin Valley, California 1970-1990. Am J Occup Environ Health 37(7):812-819.

Ames RG. 1996. Epidemiology: general principles, methodological issues, and applications to environmental toxicology. In: Toxicology and Risk Assessment: Principles, Methods, and Applications, Fan AM, Chang LW, eds. Marcel Dekker, New York, pp. 559-572.

Ames RG, Menendez RE. 2000. California medical supervisors consider certification: results of a survey. J Agromed 7(2):31-56.

Ames RG, Menendez RE. 2000. California medical supervisors consider certification: results of a survey. J Agromed 7(2):31-56.

Andersen ME, Conolly RB, Faustman EM, Kavlock RJ, Portier CJ, Sheenan DM, Wier PJ, Zeise L. 1999. Quantitative mechanistically based dose-response modeling with endocrine-active compounds. Environ Health Perspect 107 (Suppl 4):631-638.

Arcus-Arth A, Lam R, Broadwin R. 2002. Impact of socioeconomic factors on residential indoor air quality and human health. In: Knowledge Base for Sustainable Development, An Insight into

the Encyclopedia of Life support Systems, Volume II, UNESCO Publishing, Eolss Publishers, Oxford, UK. pp. 757-780.

Arcus A, Krowech G, Zeise L. 2005. Breast milk and lipid intake distributions for assessing cumulative exposure and risk. J Exp Anal Environ Epidemiol 15(4): 357-365.

Arcus-Arth A, Blaisdell RJ. 2007. Statistical Distributions of Daily Breathing Rates For Narrow Age Groups of Infants and Children. Risk Analysis 27(1):97-110.

Basu R, Ostro BD. 2008. A multi-county analysis identifying the populations vulnerable to mortality associated with high ambient temperature in California. American Journal of Epidemiology 168(6): 632-637.

Banks CN, Adams ME. 2012. Biogenic amines in the nervous system of the cockroach, Periplaneta americana following envenomation by the jewel wasp, Ampulex compressa.Toxicon 59(2): 320-328.

Banks CN., Lein PJ. 2012. A review of experimental evidence linking neurotoxic organophosphorus compounds and inflammation. Neurotoxicology. Feb 10. [Epub ahead of print]

Basu R, Samet JM. 2002. The relation between elevated ambient temperature and mortality: a review of the epidemiologic evidence. Epidemiologic Reviews, 24(2): 190-202.

Basu R, Woodruff TJ, Parker JD, Saulnier L, Schoendorf KC. 2004. Comparing exposure metrics in the relationship between $PM_{2.5}$ and birth weight in California. Journal of Exposure Analysis and Environmental Epidemiology, 14(5): 391-396.

Basu R, Woodruff TJ, Parker JD, Saulnier L, Schoendorf KC. 2004. Comparing exposure metrics in the relationship between $PM_{2.5}$ and birth weight in California. Journal of Exposure Analysis and Environmental Epidemiology, 14(5): 391-396.

Basu R, Dominici F, Samet JM. 2005. A comparison of epidemiologic methods for characterizing temperature and mortality among the elderly in the United States. Epidemiology, 16(1):58-66.

Basu R, Dominici F, Samet JM. 2005. A comparison of epidemiologic methods for characterizing temperature and mortality among the elderly in the United States. Epidemiology, 16(1):58-66.

Basu R, Feng WY, Ostro BD. 2008. Characterizing Temperature and Mortality in Nine California Counties, 1999-2003. Epidemiology 19: 138-145.

Basu R, Malig B. 2011. High ambient temperature and mortality in California: Exploring the roles of age, disease, and mortality displacement? Environmental Research. 111(8):1286-92.

Basu R, Malig B. Basu and Malig respond to "Application of case-crossover methods to investigate triggers of preterm birth." 2010. American Journal of Epidemiology. 172(10):1121-2, 2010.

Basu R, Malig B, Ostro B. 2010. High ambient temperature and the risk of preterm delivery. American Journal of Epidemiology. 172(10):1108-17.

Basu A, Mitra S, Chung J, Guha Mazumder DN, Ghose N, Kalman DA, von Ehrenstein OS, Steinmaus C, Liaw J, Smith AH. 2011 Creatinine, Diet, Micronutrients, and Arsenic Methylation in West Bengal, India. Environ Health Perspect. 119(9):1308-13

Basu R. 2009. High ambient temperature and mortality: a review of epidemiological studies from 2001 to 2008. Environmental Health 8(1):40.

Beaumont JJ, Sandy MS, Sherman CD. 2004. Titanium dioxide and lung cancer. J Occup Environ Med 46(8):759-60.

Beaumont JJ, Sedman RM, Reynolds SD, Sherman CD, Li L-H, Howd RA, Sandy MS, Zeise LA, Alexeeff GV. 2008. Cancer mortality in a Chinese population exposed to hexavalent chromium in drinking water. Epidemiology 19(1):12-23.

Bellinger DC, Goldman LR, Lanphear BP, Eskenazi B, Jacobs DE, Miller M**.** 2011. The launch of the International Society for Children's Environmental Health and the Environment (ISCHE). Environ Health Perspect. 119(10):A420-1.

Bois FY, Tozer TN, Benet L, Zeise L. 1989. Lead exposure in children vs. adults. Am J Pub Health 79(7):904.

Bois FY, Tozer TN, Zeise L, Benet L. 1989. Application of clearance concepts to the assessment of exposure to lead in drinking water. Am J Pub Health 79(7):827-831.

Bois FY, Zeise L, Tozer TN. 1989. The use of pharmacokinetic models in the determination of risks for regulatory purposes. Adv Risk Anal 7:573-583.

Bois FY, Zeise L, Tozer TN. 1990. Precision and sensitivity of pharmacokinetic models for cancer risk assessment: tetrachloroethylene in mice, rats, and humans. Toxicol Appl Pharmacol 102:300-315.

Bois FY, Krowech G, Zeise L. 1995. Modeling human interindividual variability in metabolism and risk: the example of 4-aminobiphenyl. Risk Anal 15(2):205-213.

Bois FY, Gelman A, Jiang J, Maszle DR, Zeise L, Alexeeff G. 1996. Population toxicokinetics of tetrachloroethylene. Arch Toxicol 70:347-355.

Boyd, JB, Mason JM., Yamamoto AH, Brodberg RK, Banga SS, Sakaguchi K. 1987. A genetic and molecular analysis of DNA repair in Drosophila. Journal of Cell Science pp. 6:39-60.

Bradman MA, Harnly ME, Goldman LR, Marty MA, Dawson SV, DiBartolomeis MJ. 1994. Malathion and malaoxon environmental levels used for exposure assessment and risk characterization of aerial applications to residential areas of Southern California 1989-1990. J Exp Anal Environ Epidemiol 4:49-63.

Brodberg, RK, Mitchell MJ , Smith SL, Woodruff RC. 1987. Specific reduction of N,N-dimethylnitrosamine mutagenicity in *Drosophila melanogaster* by dimethyl sulfoxide. Environmental and Molecular Mutagenesis 10:425-432.

Brown JP. 2008. Risk Assessment for Arsenic in Drinking Water. In: Risk Assessment for Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. 213-269.

Brown JP. 1989. Approaches to a health risk assessment of 1,3-butadiene as a toxic air contaminant. Proc Air Waste Management Assoc, 14 pp.

Brown SK, Ames RG, Mengle DC. 1989. Occupational illnesses from cholinesterase-inhibiting pesticides among agricultural applicators in California 1982-1985. Arch Environ Health 44(1):34-39.

Brown JP, Fan AM. 1994. Risk assessment of arsenic for drinking water standard development. In: Special Issue: Risk Assessment and Risk Management of Environmental Chemicals. Fan AM, Weisburger J, eds. J Hazard Mater 39:149-159.

Brown JP, Jackson RJ, Spath DP, Loscutoff S. 1993. California approach for managing risks of water disinfectants and disinfection by-products. In: Safety of Water Disinfection: Balancing Chemical and Microbial Risks. Craun GF, ed. ILSI Press, Washington, DC, pp. 425-444.

Brown JP, Jackson RJ, Spath DP, Loscutoff S. 1993. California approach for managing risks of water disinfectants and disinfection by-products. In: Safety of Water Disinfection: Balancing Chemical and Microbial Risks. Craun GF, ed. ILSI Press, Washington, DC, pp. 425-444.

Brown JP, Jackson JP. 1995. Water Pollution. In: Environmental Medicine. Brooks SM et al., eds. Mosby, St. Louis, pp. 479-487.

Brown JP, Salmon AG. 1996. Issues in data extrapolation. In: Toxicology and Risk Assessment. Principles, Methods, and Applications, Fan AM, Chang LW, eds. Marcel Dekker, New York, pp. 601-618.

Buck Louis GM, Gray LE Jr, Marcus M, Ojeda SR, Pescovitz OH, Witchel SF,Sippell W, Abbott DH, Soto A, Tyl RW, Bourguignon JP, Skakkebaek NE, Swan SH, Golub MS, Wabitsch M, Toppari J, Euling SY. Environmental factors and puberty timing: expert panel research needs. 2008. Pediatrics. 121 Suppl 3:S192-207

Budroe JD, Brown JP, Salmon AG, Marty MA. 2004. Acute toxicity and cancer risk assessment values for tert-butyl acetate. Reg Toxicol Pharmacol 40:168-76.

Burke T, Anderson H, Beach N, Colome S, Drew R, Firestone M, Hauchman F, Miller T, Wagener D, Zeise L, Tran N. 1992. Role of Exposure Databases in Risk Management. Arch Environ Health 47(6):421-429.

Burke MG, Miller MD. 2011. Practical Guidelines for Evaluating Lead Exposure in Children with Mental Health Conditions: Molecular Effects and Clinical Implications. Postgrad Med. 123(1):160-8.

Campbell MA, Golub MS, Iyer P, Kaufman FL, Li L-H, Moran FM, Morgan JE, Donald JM. 2009 Reduced water intake: implications for rodent developmental and reproductive toxicity studies. Birth Defects Res (Part B) 86:157-157.

Cardis E, Zeise L, Schwartz M, Moolgavkar S. 1999. Review of specific examples of QEP, In: Quantitative Estimation and Prediction of Carcinogenic Risk to Humans, Moolgavkar S, Krewski D, Zeise L, Cardis E, Moller H, eds. IARC Sci Publ No. 131, International Agency for Research on Cancer, World Health Organization, Lyon, pp. 239-304.

Carlisle JC, Dowling KC, Siegel DM, Alexeff GA. 2009.A blood lead benchmark for assessing risks from childhood lead exposure. J Environ Sci Health A Tox Hazard Subst Environ Eng. 44(12): 1200-8.

Castillo SS, Levy M, Wang C, Thaikoottathil JV, Khan E, Goldkorn T. 2007. Nitric oxide-enhanced caspase-3 and acidic sphingomyelinase interaction: a novel mechanism by which airway epithelial cells escape ceramide-induced apoptosis. Exp Cell Res 313: 816-23.

Chak E, Rutherford GW, Steinmaus C. 2009. The Role of Breastfeeding in Prevention of Helicobacter Pylori Infection: A Systematic Review. Clinical Infectious Diseases, 15:430-437.

Chang LW, Furst A, Fan AM. 1998. Metal toxicology. In: Encyclopedia of Environmental Analysis and Remediation. Myers RA, ed. John Wiley & Sons, Inc., New York, pp. 2750-2761.

Chang LW, Fan AM. 1989. Mercury toxicity: pathological aspects and biological monitoring. Intl J Biol Soc Med Res 111:57-73.

Chestnut L, Ostro B, Vichit-Vadakan N. 1997. Transferability of air pollution control health benefit estimates from the United States to developing countries: Evidence from the Bangkok study. Amer J Agr Econ 79:1630-1635.

Cohen AJ. Anderson HR, Ostro B et al. 2005. The global burden of disease due to outdoor air pollution. J Toxicol Environ Health A. 68:1301-7.

Cohen R, Steinmaus C, Quinlan P, Roberts T, Cooper M. 2007. Keeping Up With Science. Developing PELs in California. The Synergist. Pg. 32-35. March 2007 Edition.

Collins JF, Alexeeff GV, Lewis DC, Dodge DE, Marty MA, Parker TR, Budroe JD, Lam RH, Lipsett MJ, Fowles Jr., Das R. 2004. Development of acute inhalation reference exposures levels (RELs) to protect the public from predictable excursions of airborne toxicants. J Appl Toxicol 24:155-166.

Collins JF, Brown JP, Alexeeff GV, Salmon AG. 1998. Potency equivalency factors for some polycyclic aromatic hydrocarbons and polycyclic aromatic hydrocarbon derivatives. Reg Toxicol Pharmacol 28:45-54.

Collins JF, Brown JP, Dawson SV, Marty MA. 1991. Risk assessment of benzo (a) pyrene. Reg Toxicol Pharmacol 13:170-184.

Collins JF, Brown JP, Painter PR, Jamall IS, Zeise LA, Alexeeff GV, Wade MJ, Siegel DM, Wong JJ. 1992. On the carcinogenicity of cadmium by the oral route. Reg Toxicol Pharmacol 16:57-72.

Collins JF, Brown JP, Painter PR, Zeise LA, Alexeeff GV, Wade MJ, Siegel DM, Wong JJ. 1996. Comment: On the Oral Carcinogenicity of Cadmium. Reg Toxicol Pharmacol 23:298-299.

Collins JF, Marty MA. 1995. Cancer risk assessment for crystalline silica to implement California's hot spots act. Scand J Work Environ Health 21 (Suppl)2:99-103.

Collins JF, Marty MA. 1997. Cancer risk assessment for crystalline silica. J Expos Anal Environ Epidemiol 7(3):359-365.

Collins JF, Neutra RR, Hertz-Picciotto I. 1987. Carcinogenicity of ethylene oxide. JAMA 258:1733-1734.

Collins JF, Salmon AG, Brown JP, Marty MA, Alexeeff GV. 2005. Development of a chronic inhalation reference level for repirable crystalline silica. Regul Toxicol Pharmacol43(3):292-300.

Cone JE, Wugofski L, Balmes JR, Das R, Bowler R, Alexeeff GV, Shusterman D. 1994. Persistent respiratory health effects after a metam sodium pesticide spill. Chest 106:500-508.

Copan L, Ujihara A, Jones C, Das R, Kreutzer R, Roisman R, Haas R, Perez G, Moezzi B, Miller MD, et. al. 2012. Mercury Exposure Among Household Users and Nonusers of Skin-Lightening Creams Produced in Mexico – California and Virginia, 2010. Morbidity Mortality Weekly Report. 61:2.

Crouch EAC, Wilson R, Zeise L. 1987. Tautology or not tautology? J Toxicol Environ Health 20:1-10.

Dauphiné DC, Ferreccio C, Guntur S, Yuan Y, Hammond SK, Balmes J, Smith AH, Steinmaus C. 2010. Lung function in adults following in utero and childhood exposure to arsenic in drinking water: preliminary findings. Int Arch Occup Environ Health. Oct 24 [epub]

Das R, Marty MA, Underwood MC. 1997 and 2003. Routine industrial emissions, accidental releases, and hazardous waste. In: Occupational and Environmental Health, 2nd Edition, 1997 and 3rd Edition, 2003. LaDou J, ed. Appleton and Lange, New York.

Dawson SV, Alexeeff GV. 2001. Response to commentary regarding diesel exhaust risk assessment (Letter to the Editor). Risk Anal 21:213-216.

Dawson SV, Alexeeff GV. 2001. Multi-stage model estimates of lung cancer risk from exposure to diesel exhaust, based on a U.S. railroad worker cohort. Risk Anal 21:1-18.

DiBartolomeis MJ, Alexeeff GV, Fan AM, Jackson RJ. 1994. Regulatory approach to assessing health risks of toxic chemical releases following transportation accidents. In: Special Issue: Risk Assessment and Risk Management of Environmental Chemicals, Fan AM, Weisburger J, eds. J Hazard Mater 39:193-210.

Donald JM, Hooper K, Hopenhayn-Rich C. 1991. Reproductive and developmental toxicity of toluene: a review. Environ Health Perspect 94:237-244.

Donald JM, Hooper K, Hopenhayn-Rich C. 1991. Reproductive and developmental toxicity of toluene: animal and human studies. Arch Environ Health 46(2):125.

Donald JM, Monserrat LE, Hooper K, Book SA, Chernoff GF. 1992. Prioritizing candidate reproductive developmental toxicants for evaluation. Repro Toxicol 6(1):99-108.

Doull J, Borzelleca J, Becker R, Daston G, DeSesso J, Fan A, Fenner-Crisp P, Holsapple M, Holson J, Llewellyn G, MacGregor J, Seed J, Walls I, and Woo YT, 2007. Framework for Use of Toxicity Screening Tools in Context-Based Decision-Making. J of Food and Chemical Toxicology, 45: 759–796.

Dowling KC, Seiber JN. 2002. Importance of respiratory exposure to pesticides among agricultural populations. Int J Toxicol 21(5):371-81.

Dowling KC, Blanco LE, Martinez I, Aragon A, Bernard CE, Krieger RI. 2005. Urinary 3,5,6-trichloro-2-pyridinol levels of chloropyrifos in Nicaraguan applicators and small farm families. Bull Environ Contam Toxicol 74(2):380-7.

Dunn AJ, Alexeeff GV. 2010. Beyond risk assessment: Principles for assessing community impacts. Int J Toxicol 29:78-87.

Dunn AJ, Salmon AG, Zeise L. 1991. Chap 1, Background. In: Risks of Carcinogenesis from Urethane Exposure. Salmon AG, Zeise L, eds. CRC Press, Boca Raton, FL, pp. 4-9.

Dunn A, Zeise L. 1997. Health effects of exposure to environmental tobacco smoke. Tobacco Control 6:346-353.

Duong A, Steinmaus C, McHale CM, Vaughan CP, Zhang L. 2011 Reproductive and Developmental Toxicity of Formaldehyde: A Systematic Review. Mutat Res. 728(3):118-38.

Eya, B.K. 2010. New Mexican and Central American genera and species of Trachyderini (Coleoptera, Cerambycidae, Cerambycinae), Assoc. Magellanes. Les Cahiers Magellanes 108: 1-21.

Eya, B.K. & Tyson, W.H. 2011. A new species of *Callona* Waterhouse (Coleoptera: Cerambycidae) from Costa Rica and Panama. Correspondence. Zootaxa. 2987: 65-68; ISSN 1175-5334 (online-ed.) http://www.mapress.com/zootaxa/2011/f/zt02987p068.pdf

Fan AM, Harding-Barlow I. 1987. Chromium. In: Genotoxic and Carcinogenic Metals: Environmental and Occupational Occurrence and Exposure. Advances in Modern Environmental

Toxicology Series, Vol. 14. Fishbein L, Furst A, eds. Princeton Scientific Publishing Co., Inc., Princeton, NJ, pp. 87-125.

Fan AM. 1987. Mercury. In: Genotoxic and Carcinogenic Metals: Environmental and Occupational Occurrence and Exposure. Advances in Modern Environmental Toxicology Series, Vol 14. Fishbein L, Furst A, eds. Princeton Scientific Publishing Co., Inc., Princeton, NJ, pp. 185-210.

Fan AM, Book SA. 1987. Sulfite hypersensitivity: review of current issues. J Appl Nutrition 39:71-78.

Fan AM, Book SA, Neutra RR, Epstein D. 1988. Selenium and human health implications in California's San Joaquin Valley. J Toxicol Environ Health 23:539-559.

Fan AM, Willhite CC, Book SA. 1987. Evaluation of nitrate drinking water standard with specific references to methemoglobinemia and reproductive toxicity. Reg Toxicol Pharmacol 7:135-148.

Fan AM, Jackson RJ. 1988. Risk assessment of human dietary selenium intake from agricultural crops. In: Selenium Contents in Animal and Human Food Crops Grown in California. University of California, Division of Agriculture and Natural Resources, Publication 3330, pp. 69-76.

Fan AM, Norman BB. 1988. A preliminary analysis and evaluation of the potential human health impact of selenium in animal products from domestic animals raised near the Kesterson national wildlife refuge. In: Selenium Contents in Animal and Human Food Crops Grown in California. University of California, Division of Agriculture and Natural Resources, Publication 3330, pp. 77-80.

Fan AM, Jackson RJ. 1988. Chemical contamination of fish as an emerging environmental health concern. West J Med 48:200-201.

Fan A.M. 1988. Trichloroethylene: water contamination and health risk assessment. Rev Environ Contam Toxicol 101:55-92.

Fan AM. 1989. Selenium: Some lessons from California. Health Environ Digest 3:3-4.

Fan AM, Kizer K. 1990. Selenium: clinical, nutritional, and toxicological aspects. West J Med 153:160-167.

Fan AM, Chang LW. 1991. Human exposure and biological monitoring of methylmercury and selenium. In: Biological Monitoring of Exposure to Chemicals: Metals. Dillon HK, Ho MH, eds. John Wiley and Sons, Inc., New York, pp. 223-239.

Fan AM. 1994. Pesticides and food safety. In: Handbook of Hazardous Materials, M Cohn, ed. Academic Press, pp. 563-576.

Fan AM, Brown JP, Milea MA, Spath PD. 1994. Arsenic in drinking water: health effects and regulatory issues in California. In: Arsenic: Exposure and Health, Chapell WR, Abernathy CO, Cothern CR, eds. Science and Technology Letters, Northwood, pp. 275-284.

Fan AM, Chang LW, ed. 1995. Toxicology and Risk Assessment. Principles, Methods and Applications. Marcel Dekker, New York, 859 pp.

Fan A, Howd R, Davis B. 1995. Risk assessment of environmental chemicals. Ann. Rev Pharmacol Toxicol 35:341-68.

Fan AM. 1996. Assessment of metals in drinking water with specific references to lead, copper, arsenic and selenium. In: Toxicology of Metals. Chang LW, ed. Vol. J., CRC Press, Inc., Boca Raton, FL, pp. 39-53.

Fan AM, Steinberg VE. 1996. Health implications of nitrate and nitrite in drinking water: an update on methemoglobinemia occurrence and reproductive and developmental toxicity. Reg Toxicol Pharmacol 23: 35-43.

Fan AM, Tomar R. 1999. Risk assessment of chemicals in food. In: Nutrition Review, Modern Nutrition in Health and Disease, Ninth Edition. Shils ME, Olson J, Shike M, Rose AC, eds. Williams and Wilkins, Baltimore, pp. 1861-1874.

Fan AM, Howd R. 2002. Quantitative risk assessment of non-genotoxic carcinogens. In: Genetic Toxicology and Cancer Risk Assessment, WN Choy, eds. Marcel Dekker, New York, pp. 299-320.

Fan AM. 2003. Sportfish Consumption: Socio-Cultural and Economic Aspects, Ethnicity and Effectiveness of Health Advisories, in Environmental Toxicology and Human Health. In: Encyclopedia of Life Support Systems (EOLSS), Satoh T, Inayat-Hussain SH, eds. Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK [http://www.eolss.net].

Fan, AM, 2005. Chloroform. In: Encyclopedia of Toxicology, 2nd edition, P Wexler, Ed., Elsevier, Oxford, pp 440-445. ISBN 0-12-745354-7.

Fan, AM. 2005. Cancer Potency Factor. In: Encyclopedia of Toxicology, 2nd edition, P Wexler, Ed., Elsevier, Oxford, pp 401-404. ISBN 0-12-745354-7.

Fan, AM. 2005. Vinylidene chloride. In: Encyclopedia of Toxicology, 2nd edition, P Wexler, Ed., Elsevier, Oxford, pp 561-564. ISBN 0-12-745354-7.

Fan AM, Howd, R. 2008. Preface. In: Risk Assessment of Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. xiii-xvi.

Fan AM, Howd, R. 2008. Risk assessment: Emerging Issues, recent advances and future challenges. In: Risk Assessment of Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. 325-364.

Fan AM. 2009. Cancer. In: Information Resources in Toxicology, P Wexler, SG Gilbert, PJ Hakkinen, and A Mohapatra, eds. Fourth edition. Elsevier Publications, San Francisco. pp 103-121.

Fan AM, Alexeeff G V, 2010. Nanotechnology and Nanomaterials: Toxicology, Risk Assessment, and Regulation. J. Nanoscience and Nanotechnology 10:8646-8657

Fan AM, Alexeeff G, Harris SB. 2010. Cumulative Risks and Cumulative Impacts of Environmental Chemical Exposures. Int J Toxicol 29(1): 57.

Fan AM, 2011. Nitrate and nitrite in drinking water: A toxicological review. In: *Encyclopedia of Environmental Health*, volume 4. Nriagu JO, ed.: Elsevier, Burlington, pp. 137–145

Fan AM, 2011. Epidemiology of cholinesterase-inhibiting pesticide poisoning in the U.S. and regulatory actions. In: Cholinesterase-inhibiting Pesticides: Metabolism, Toxicity and Epidemiology. R Gupta and T Satoh, eds. John Wiley & Sons, New York.

Feng C, Smith K, Vichit-Vadakan N, Ostro B, Chesnut L (2000). Indoor/outdoor PM10 and PM2.5 in Bangkok, Thailand. J Exp Anal Environ Epidemiol 10:15-26.

Filosto S, Khan EM, Tognon E, Becker C, Ashfaq M, Ravid T, Goldkorn T. 2011. EGF receptor exposed to oxidative stress acquires abnormal phosphorylation and aberrant activated conformation that impairs canonical dimerization. PLoS One 6(8): e23240.

Filosto S, Castillo S, Danielson A, Franzi L, Khan E, Kenyon N, Last J, Pinkerton K, Tuder R, Goldkorn T. 2011. Neutral sphingomyelinase 2: a novel target in cigarette smoke-induced apoptosis and lung injury. Am J Respir Cell Mol Biol 44: 350-60.

Foos B, Marty M, Schwartz J, et al. (2008) Focusing on Inhalation Dosimetry and Health Effects for Risk Assessment: An introduction, J Toxicol Environ Health Part A, 71: 149-165

Fowles JR, Alexeeff GV, Dodge DD. 1999. The use of benchmark dose methodology with acute inhalation lethality data. Reg Toxicol Pharmacol 29:262-278.

Furst A, Fan AM. 1993. Carcinogenic action of nickel and cadmium in rats. Biol Trace Element Res 36:243-249.

Fusco D, Forastiere F, Michelozzi P, Spadea T, Ostro B, Arca M, Perucci CA. 2001. Air pollution and hospital admissions for respiratory conditions in Rome, Italy. Eur Respir J 17:1143-50.

Gassel M, Brodberg RK, Roberts S. 2003. The Coastal Fish Contamination Program: Monitoring of Coastal Water Quality and Chemical Contamination in Fish and Shellfish. Proceedings California and the World Ocean 2002. American Society of Civil Engineers. pp. 977-990.

Geller MD, Chang M, Sioutas C, Ostro B, Lipsett ML. 2002. Indoor/outdoor relationship and chemical composition of find and coarse particles in the southern California deserts. Atmos Environ 36:1099-1110.

George C, Smith AH, Kalman D, Steinmaus C. 2007, Effectiveness of Point-of-Use Reverse Osmosis Filtration Units at Reducing Arsenic Drinking Water Concentrations in Private Domestic Well Water. Arch Occup Environ Health 61:171-175.

Geyer HJ, Schramm KW, Darnerud PO, Aune M, Feicht EA, Fried K, Henkelmann B, Lenoir D, Schmid P, McDonald TA. 2004. Terminal elimination half-lives (T1/2H) of the brominated flame retardants TBBPA, HBCD and lower brominated PBDEs in humans. Organohalogen Compounds 66:3867-3871.

Gillen, M, Baltz D, Gassel M, Kirsch L, Vaccaro D. 2002. Perceived safety climate, job demands, and social support among union and nonunion injured construction workers. J Safety Res 33(1):33-51.

Gold LS, Stern BR, Slone TH, Brown JP, Manley NB, Ames BN. 1997. Pesticide residues in food: investigation of disparities in cancer risk estimates. Cancer Letters 117:195-207.

Goldkorn T, Ravid T, Khan EM. 2005. Life and death decisions: ceramide generation and EGF receptor trafficking are modulated by oxidative stress. Antioxid Redox Signal 7: 119-28. Review.

Golub MS, Donald JM, Reyes JA. 1991. Reproductive toxicity of commercial PCB mixtures: LOAELs and NOAELs from animal studies. Environ Health Perspect 94:245-253.

Golub MS. 1992. Reproductive toxicology of drinking water contaminants detected by routine water quality testing. Epidemiology 3:125-129.

Golub MS, Chernoff GF. 1994. Issues in regulatory protection from reproductive hazards in the workplace. Occup Med State Art Rev 9:373-386

Golub MS, Jacobson SL. 1994. Workshop on the perinatal exposure to dioxin-like compounds: IV. Neurobehavioral effects. Environ Health Perspect 103:151-155.

Golub MS, Domingo JL. 1996. What we know and what we need to know about developmental aluminum toxicity. J Toxicol Environ Health. 3048(6):585-97.

Golub MS. 1994. Maternal toxicity and the identification of arsenic as a developmental toxicant. Repro Toxicol 8:283-295.

Golub MS. 1997. Drug toxicity in embryonic development. Toxicol 121:179-180 (book review).

Golub MS, Macintosh M, Baumrind N. 1998. Arsenic developmental toxicity: animal studies and human concerns. J Toxicol Environ Health B Crit Rev 1:199-241.

Golub MS. 2000. Adolescent health and the environment. Environ Health Perspect 108:355-363.

Golub MS, Campbell MA, Kaufman FL, Iyer P, Li LH, Donald JM, Morgan JE. 2004. Effects of restraint stress in gestation: implications for rodent developmental toxicology studies. Birth Defects Research Part B. Dev Repro Toxicol 71(1):26-36.

Golub MS, Doherty J. 2004. Triphenyltin as a possible human endocrine disruptor. J Toxicol Environ Health 7(4):281-295.

Golub M, Costa L, Crofton K, Frank D, Fried P, Gladen B, Henderson R, Liebelt E, Lusskin S, Marty S, Rowland A, Scialli J. 2005. NTP-CERHR Expert Panel Report on the reproductive and developmental toxicity of methylphenidate. Birth Defects Research Part B: Dev. Repro Toxicol. 74 (4):300-381.

Golub M, Costa L, Crofton K, Frank D, Fried P, Gladen B, Henderson R, Liebelt E, Lusskin S, Marty S, Rowland A, Scialli J. 2005. NTP-CERHR Expert Panel Report on the reproductive and developmental toxicity of amphetamine and methamphetamine. Birth Defects Research Part B: Dev. Repro. Toxicol. 74 (6):471-584.

Golub MS (ed) 2006. Metals, Fertility, and Reproductive Toxicity. Taylor and Francis, Boca Raton, FL.

Golub MS, Kaufman FL, Campbell MA, Li L-H, Donald JM. 2006. "Natural" progesterone: information on fetal effects. Birth Defects Research Part B. Developmental and Reproductive Toxicology 77(5):455-70

Golub MS, Collman GW, Foster PM, Kimmel CA, Rajpert-De Meyts E, Reiter EO, Sharpe RM, Skakkebaek NE, Toppari J. 2008. Public health implications of puberty timing. Pediatrics 121 Suppl 3:s2218-30.

Golub MS, Wu KL, Kaufman FL, Li LH, Moran-Messen F, Zeise L, Alexeeff GV, Donald JM. 2011. Bisphenol A: developmental toxicity from early prenatal exposure. Erratum in: Birth Defects Res B Dev Reprod Toxicol. 92(1):95.

Graham JD, Walker KD, Berry M, Bryan EF, Callahan MA, Fan AM, Finley B, Lynch J, McKone T, Ozkaynak H, Sexton K. 1992. Role of exposure databases in risk assessment. Arch Environ Health 47:408-420.

Green RS, Smorodinsky S, Kim JJ, McLaughlin R, Ostro B. 2003. Proximity of California public schools to busy roads. Environ Health Perspect 111:61-66.

Green RS, Gold EB, Samuels SJ, Dosemeci M. 2005. The relation of occupational organic solvent exposure to symptom reporting in a sample of white and Chinese midlife women. J Occup Environ Med 47(4):410-23.

Green RS, Basu R, Malig B, Broadwin R, Kim JJ, Ostro B. 2009. The effect of temperature on hospital admissions in nine California counties. Int J Public Health Published online: 22 September 2009 DOI 10.1007/s00038-009-0076-0.

Green RS, Malig B, Windham GC, Fenster L., Ostro B., Swan S. 2009. Residential Exposure to Traffic and Spontaneous Abortion. Environmental Health Perspective 117:1939-1944

Haan M, Zahler L, Athanasoulis M, Broadwin R, Mann J, Goldman L, Sutton P, Schlag R, McLaughlin R, Flessel P. 1992. Blood lead levels among children in high-risk areas - California 1987-1990. MMWR 41(17):291-292.

Haroun L, Dunn AJ, Ting D. 1999. Exposure measurement and prevalence in health effects of exposure to environmental tobacco smoke: The report of the California Environmental Protection Agency. Smoking and Tobacco Control Monograph no. 10. U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute, Bethesda, MD. NIH Pub. No. 99-4645.

Harris SB, Fan AM. 2002. Hot topics in toxicology. Int J Toxicol 21:383-384.

Hausman J, Wise D, Ostro B. 1984. Air pollution and lost work. National Bureau of Economic Research. Working Paper No. 1263.

Hegedus CM, Skibola CF, Warner M, Skibola D, Clark M, Pfeiffer RM, Steinmaus C, Smith AH, Smith MT, Moore LE. 2008. Decreased Urinary Beta Defensin-1 Expression as a Biomarker of Response to Arsenic. Toxicology Science, 106:74-82.

Hertz-Picciotto I, Neutra RR, Collins JF. 1987. Ethylene oxide and leukemia. (letter) JAMA 257:2290.

Hertz-Picciotto IC, Hopenhayn-Rich C, Golub MS. 1990. The risks and benefits of taking aspirin during pregnancy. Epidemiol Rev 12:108-148.

Hertz-Picciotto I, Smith AH, Holtzman D, Lipsett M, Alexeeff G. 1992. Synergism between occupational arsenic exposure and smoking in the induction of lung cancer. Epidemiol 3:23-31.

Hill R. and Hoover S. 1997. Importance of dose-response model form in probabilistic risk assessment: A case study of health effects from methylmercury in fish. Hum Ecol Risk Assess 3(3):465-481.

Hooper K, McDonald TA. 2000. The PBDEs: an emerging environmental challenge and another reason for breast-milk monitoring programs. Environ Health Perspect 108(5):387-392.

Hoover S, Zeise L, Krowech G. 1991. Exposure to environmental contaminants through breast milk. In: The Analysis, Communication and Perception of Risk. Garrick BJ, Gekler WC, eds. Adv Risk Anal, Vol 9. Plenum Publishing, New York, pp. 257-266.

Hoover S, Hill R, Watson T. 1997. Exposure of aboriginals in British Columbia to methylmercury in freshwater fish: A comparison to reference doses and estimated thresholds. Hum Ecol Risk Assess 3(3):439-463.

Hoover S, Hill R, Watson T. 1997. Estimating risks from exposure to methylmercury: Application to First Nations people in Canada. Water, Air and Soil Pollution 97:107-118.

Hoover S. 1999. Exposure to persistent organochlorines in Canadian breast milk: A probabilistic assessment. Risk Anal 19(4):527-545.

Hoover S, Zeise L, Cranor C, Pease W, Hennig M, Weiss L. 1995. Improving the regulation of carcinogens: A proposal to expedite cancer potency estimation. Risk Anal 15(2):267-280.

Howd RA, Fan AM. 1997. Pesticide residues in food. In: Encyclopedia of Human Biology, Vol 6, 2nd Ed, pp. 691-703.

Howd RA, Brown JP, Morry DW, Wang YY, Bankowska J, Budroe JD, Campbell M, DiBartolomeis MJ, Faust J, Jowa L, Lewis DL, Parker T, Polakoff J, Rice DW, Salmon AG, Tomar RS, Fan AM. 2000. Development of California public health goals (PHGs) for chemicals in drinking water. J Appl Toxicol 20:365-380.

Howd RA. 2002. Can we protect everybody from drinking water contaminants? Int J Toxicol 21:389-395.

Howd, R, Fan AM. 2008. Introduction to Drinking Water Risk Assessment. In: Risk Assessment of Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. 1-16.

Howd RA and Fan AM, 2010. Use of cancer risk assessments in regulatory standards. In: Cancer Risk Assessment: Chemical Carcinogenesis, hazard evaluation, and Risk Quantification. CH Hsu and T Stedeford, eds., John Wiley & Sons, Hoboken, NJ, pp 66-95.

Howd, R, Fan AM. 2008. Interpretation of Toxicologic Data for Drinking Water Risk Assessment. In: Risk Assessment of Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. 35-66.

Howd RA. 2009. Biological criteria for water quality in relation to human health. Chapter 88 in: General and Applied Toxicology, 3rd Ed, Vol. 4. Ballantyne B, Marrs TC, Syversen T, eds. John Wiley and Sons, Ltd., West Sussex, UK, 2009, pp. 2233-2245.

Howd RA. 2010. Considering changes in exposure and sensitivity in an early life cumulative risk assessment. Internat J Toxicol 29(1):71-77.

Humphreys E., Janssen S., Heil A., Hiatt P., Solomon G. Miller M.D. 2008. Outcomes of the Ban on Pharmaceutical Lindane: Clinical and Ecologic Impacts. Environmental Health Perspectives 116:297-302.

Huff JE, Salmon AG, Hooper NK, Zeise L. 1991. Long-term carcinogenesis studies on 2,3,7,8-tetrachlorodibenzo-p-dioxin and hexachlorodibenzo-p-dioxins. Cell Bio Toxicol 7(1):67-94.

Iyer P. 2001. Developmental and reproductive toxicity of pesticides. In: Handbook of Pesticide Toxicology, Vol 1. Second Edition. Krieger R, ed. Academic Press, San Diego, pp. 375-423.

Iyer P, Schardein J, Makris S. 2003. Developmental toxicity/reproductive toxicity. In: Encyclopedia of Agrochemicals, online edition. Plimmer JR, ed. John Wiley & Sons, Inc. New York, NY. 33 pp.

Jackson RJ, Fan AM. 1990. Pesticides in food. West J Med 152:286-287.

Johnson KC, Miller AB, Collishaw NE, Palmer JR, Hammond SK, Salmon AG, Cantor KP, Miller MD, Boyd NF, Millar J, Turcotte F. "Active Smoking and Secondhand Smoke Increase Breast Cancer Risk: The Report of the Canadian Expert Panel on Tobacco Smoke and Breast Cancer Risk (2009)". Tob Control, E Pub Dec 8, 2010.

Johnson S, Winkleby MA, Boyce TW, McLaughlin R, Broadwin R, Goldman L. 1992. The association between hemoglobin and behavior problems in a sample of low-income Hispanic preschool children. Dev Behav Pediatrics 13(3):209-214.

Kavlock RK, Boekelheide, Chapin R, Cunningham M, Faustman E, Foster P, Golub M, Henderson R, Hinberg I, Little R, Seed J, Shea K, Tabacova S, Tyl PR, Williams T, Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of di-n-octylphthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:721-734.

Kavlock R, Boekelheide K, Chapin R, Cunningham M, Faustman E, Foster P, Golub M, Henderson R, Hinberg I, Little R, Seed J, Shea K, Tabacova S, Tyl PR, Williams TP, Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of butyl benzyl phthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:453-87.

Kavlock R, Boekelheide K, Chapin R, Cunningham M, Faustman E, Foster P, Golub M, Henderson R, Hinberg I, Little R, Seed J, Shea K, Tabacova S, Williams TP,Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of di-n-butyl phthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:489-527.

Kavlock R, Boekelheide K, Chapin R, Cunningham M, Faustman E, Foster P, Golub M, Henderson R, Hinberg I, Little R, Seed J, Shea K, Tabacova S, Tyl PR, Williams T, Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of di (2-ethylhexyl)phthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:529-653.

Kavlock R, Boekelheide K, Chapin R, Cunningham M, Faustman E, Foster P, Golub M, Henderson R, Hinberg I, Little R, Seed J, Shea K, Tabacova S, Williams T, Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of di-isodecyl phthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:655-678.

Kavlock R, Boekelheide K, Chapin R, Cunningham M, Faustman E, Foster P, Golub M, Henderson R, Hinberg I, Little R, Seed J, Shea K, Tabacova S, Williams T, Tyl PR, Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of di-isononylphthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:679-708.

Kavlock R, Boekelheide K, Chapin R, Cunningham M, Faustman E, Foster P, Golub M, Henderson R, Hinberg I, Little R, Seed J, Shea K, Tabacova S, Tyl PR, Williams T, Zacharewski

T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of di-n-hexylphthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:709-719.

Khan EM, Heidinger JM, Levy M, Lisanti MP, Ravid T, Goldkorn T. 2006. Epidermal growth factor receptor exposed to oxidative stress undergoes Src- and caveolin-1-dependent perinuclear trafficking. J Biol Chem 281: 14486-93.

Khan EM, Lanir R, Danielson AR, Goldkorn T. 2008. Epidermal growth factor receptor exposed to cigarette smoke is aberrantly activated and undergoes perinuclear trafficking. FASEB J 22: 910-7.

Kharrazi M, Von Behren J, Smith M, Lomas T, Armstrong, Broadwin R, Blake E, McLaughlin B, Worstell G, Goldman L. 1997. A community-based study of adverse pregnancy outcomes near a large hazardous waste landfill in California. Proc 2nd Internat Cong on Hazardous Waste: Impact on human and ecological health. Johnson BL, Xintaras C, Andrews JS, Jr, eds. Princeton Scientific Publishing Co., Princeton, New Jersey, pp. 377-389.

Kim JJ, Smorodinsky S, Lipsett M, Singer BC, Hodgson AT, Ostro B. 2004. Traffic-related air pollution near busy roads: The East Bay children's respiratory health study. Am J Respir Crit Care Med 170:520–526.

Kizer K, Fan AM, Bankowska J, Jackson RJ, Lyman D. 1990. Vitamin A: A pregnancy hazard alert. West J Med 152:78-81.

Krewski D, Cardis E, Zeise L, Feron V. 1999. Empirical approaches to risk estimation and prediction. In: Quantitative Estimation and Prediction of Carcinogenic Risk to Humans, Moolgavkar S, Krewski D, Zeise L, Cardis E, Moller H, eds. IARC Sci Publ No. 131, International Agency for Research on Cancer, World Health Organization, Lyon, pp. 131-178.

Krewski D, Andersen ME, Mantus E, Zeise L. 2008. Toxicity testing in the 21st century: implications for human health risk assessment. Risk Anal 29(4): 479-9.

Krewski D, Acosta D Jr, Andersen M, Anderson H, Bailar JC 3rd, Boekelheide K, Brent R, Charnley G, Cheung VG, Green S Jr, Kelsey KT, Kerkvliet NI, Li AA, McCray L, Meyer O, Patterson RD, Pennie W, Scala RA, Solomon GM, Stephens M, Yager J, Zeise L. 2010. Toxicity testing in the 21st century: a vision and a strategy. J Toxicol Environ Health B Crit Rev. 13(2-4): 51-138.

Krupnick A, Harrington W, Ostro B. 1990. Ambient ozone and acute health effects: evidence from a panel study. J Environ Econ Manag 18:1-18.

Kuwabara Y, Alexeeff GV, Broadwin R, Salmon AG. 2007. Evaluation and Application of the RD50 for Determining Acceptable Exposure Levels of Airborne Sensory Irritants for the General Public. Environmental Health Perspectives, 115:1609-1616.

Lagorio S, Forastiere F, Pistelli R, Ostro B. 2003. Air pollution and respiratory and cardiac function in three groups of patients (in Italian). Ann lst Super Sanita 39:395-404.

Lagorio S, Forastiere F, Pistelli R, Iavarone I, Michelozzi P, Fano V, Marconi A, Ziemacki G, Ostro B. 2006. Air pollution and lung function among susceptible adult subjects: a panel study. Environ Health, 5:11.

Lam RHF, Brown JP, Fan AM. 1993. Chemicals in California drinking water: Sources of contamination, risk assessment, and drinking water standards. In: Water Contamination and Health; Integration of Exposure Assessment, Toxicology, and Risk Assessment. Wang RGM, ed. Marcel Dekker, Inc., New York, pp. 15-44.

Lam R, Fan AM, Brown J, Milea A, Spath D. 1994. Risk assessment and risk management of chemical contaminants in drinking water. In: Special Issue: Risk Assessment and Risk Management of Environmental Chemicals. Fan AM, Weisburger, J. eds. J Hazard Mater 39:173-192.

Levy M, Khan E, Careaga M, Goldkorn T. 2009. Neutral sphingomyelinase 2 is activated by cigarette smoke to augment ceramide-induced apoptosis in lung cell death. Am J Physiol Lung Cell Mol Physiol 297: L125-33.

Li L-H, Donald JM, Golub MS. 2005. Review on testicular development, structure, function, and regulations in common marmoset. Birth Defects Res B: Dev Reprod Toxicol 74(5):450-69.

Liaw J, Marshall G, Yuan Y, Ferreccio C, Steinmaus C, Smith AH. 2008. Increased Childhood Liver Cancer Mortality and Arsenic in Drinking Water in Northern Chile. Cancer, Epidemiology, Biomarkers and Prevention, 17:1982-1987.

Lipsett MJ, Ostro B. 1993. Episode criteria for PM_{10}: A lesson in symbolic regulation. Proceedings of the 86th Annual Meeting of the Air and Waste Management Association 93-MP-11.02.

Lipsett M, Hurley S, Ostro B. 1997. Air pollution and emergency room visits for asthma in Santa Clara County, California. Environ Health Perspect 105:216-222.

Lipsett MJ, Tsai FC, Roger L, Woo M and Ostro BD. 2006. Coarse Particles and Heart Rate Variability among Older Adults with Coronary Artery Disease in the Coachella Valley, California, Environmental Health Perspectives, 114(8), 1215-1220.

Macher JM, Tsai FC, Burton LE and Liu KS. 2005. Concentrations of Cat and Dust-Mite Allergens in Dust Samples from 92 Large U.S. Office Buildings from the BASE study, Indoor Air, 15 (S9):82-88.

Marshall G, Ferreccio C, Yuan Y, Bates M, Steinmaus C, Steve Selvin S, Liaw L, Smith AH. 2007, Fifty-year Study of Increased Mortality from Lung and Bladder Cancer in Region II of Chile Due to Arsenic in Drinking Water. JNCI 99:920-928.

Marty MA, Shusterman DJ. 1992. Toxic hazards of the pulp and paper industry. In: Hazardous Materials Toxicology – Clinical Principles of Environmental Health, Sullivan JB, Krieger GR, eds. Williams and Wilkins, pp. 605-616.

Marty MA. 1993. Hazardous combustion products from municipal waste incinerators. Occup Med State Art Rev 8(3):603-620.

Marty MA, Alexeeff GV, Collins JF, Blaisdell RJ, Rosenbaum J, Lee L. 1994. Airborne emissions from industrial point sources and associated cancer risks of selected carcinogens in California. In: The Emissions Inventory: Perception and Reality. Proc. Internat Specialty Conf, Air and Waste Management Association. Pittsburgh, PA, pp. 1086-1097.

Marty MA, Dawson SV, Bradman A, Harnly ME, DiBartolomeis MJ. 1994. Assessment of exposure to malathion during aerial application over urban areas of Southern California. J Expos Anal Environ Epidemiol 4(1):65-81.

Marty MA, Blaisdell RJ, Broadwin R, Hill M, Shimer D, Jenkins M. 2002. Distribution of daily breathing rates for use in California's air toxics hot spots program risk assessments. Hum Ecol Risk Assess 8(7):1723-1737.

Marty MA, Miller M, Lewis D, Budroe J, Blaisdell R, Alexeeff GV. 2002. Risk assessment of air toxics in California –present and future. Risk Assessment Task Force, Clean Air Society of Australia and New Zealand, pp. 1-24.

Marty M, Spurlock F and Barry T. 2010. Volatile organic compounds from pesticide application and contribution to tropospheric ozone. Chapter 19 In: Hayes' Handbook of Pesticide Toxicology. Third Edition, Volume 1; R Krieger, ed. Elsevier, Inc. London, pp 571-585.

McCracken GF and Gassel MF. 1997. Genetic structure in migratory and nonmigratory populations of Brazilian free-tailed bats. Journal of Mammalogy 78(2): 348-357

McDonald TA. 2002. A perspective on the potential health risks of PBDEs. Chemosphere 46(5):745-755.

McDonald TA. 2004. Distribution of PBDE levels among U.S. women: estimates of daily intake and risk of developmental effects. Proc Third Internat Conf on Brominated Flame Retardants, BFR2004, June 6-9, 2004, Toronto, Canada, pp. 443-446.

McDonald TA. 2005. PBDE levels among U.S. women: daily intake and risk of harm to the developing brain and reproductive organs. Integrated Environ Assess Management 1(4):1-12.

McDonald TA, Becker RA, Ting D, Zeise L, Stratton JW, Spear RC, Seiber JN. 1997. A Review of the Consistency, Harmonization and Scientific Basis of Risk Assessment Activities within the California Environmental Protection Agency. In: Environmental Risk Harmonization: Federal/State Approaches to Environmental Hazards in the US. Kamrin MA, ed. John Wiley & Sons, Ltd., pp. 125-137.

McDonald TA, Holland NT, Skibola C, Duramad P, Smith MT. 2001. Hypothesis: phenol and hydroquinone derived mainly from diet and gastrointestinal flora activity are causal factors in leukemia. Leukemia 15(1):10-20.

McDonald TA, Komulainen H. 2005. The carcinogenicity of the disinfection byproduct MX. J Environ Sci Health Part C 23:163-214.

McKone TE, Howd RA. 1992. Estimating dermal uptake of nonionic organic chemicals from water and soil: I. Unified fugacity-based models for risk assessments. Risk Anal 12:543-557.

Michelozzi P, Forastiere F, Fusco D, Perucci CA, Ostro B, Ancona C, Pallotti G. 1998. Air pollution and daily mortality in Rome, Italy. Occup Environ Med 55(9):605-610.

Miller MD, Marty MA, Arcus A, Brown J, Morry D, Sandy M. 2002. Differences between children and adults: Implications for risk assessment at California EPA. Int J Toxicol 21:403-418.

Miller, M and Solomon, G. 2003. Environmental Risk Communication for the Clinician. Pediatrics, 112:211-217.

Miller MD, Marty M, Broadwin R, Johnson K, Salmon AG, Winder B, Steinmaus C 2007. The Association between Exposure to Environmental Tobacco Smoke and Breast Cancer: A Review by the California Environmental Protection Agency. Prevent Med 44:93-106

Miller MD, Marty MA. "Impact of Environmental Chemicals on Lung Development", Environmental Health Perspectives, 2010 118:1155-1164.

Miller MD, Brock-Utne AC. 2009 A Pediatric Perspective on Environmental Health. In Pediatric Integrative Medicine, T. Culbert, K. Olness eds., Oxford University Press, chapter 32 available at: http://www.oup.com/us/companion.websites/978019538472/chapter32/?view=usa

Miller MD, Crofton KM, Rice DC, Zoeller RT. 2009. Thyroid Disrupting Chemicals: Interpreting Upstream Biomarkers of Adverse Outcomes, Environmental Health Perspectives 117:1033–1041.

Moolgavkar S, Woodward A, Krewski D, Cardis E, Zeise L. 1999. Future perspectives, unresolved issues, and research needs. In: Quantitative Estimation and Prediction of Carcinogenic Risk to Humans, Moolgavkar S, Krewski D, Zeise L, Cardis E, Moller H, eds. IARC Sci Publ No. 131, International Agency for Research on Cancer, World Health Organization, Lyon, pp. 305-322.

Moore JA, Daston GP, Faustman E, Golub MS, Hart WL, Hughes CA, Kimmel JC, Lamb IV, Schwetz BA, Scialli AR. 1995. An evaluative process for assessing human reproductive and developmental toxicity of agents. Repro Toxicol 9:61-95.

Neutra R, Ostro B. 1992. An evaluation of the role of epidemiology in assessing current and future disinfection technologies for drinking water. Sci Tot Environ 127:91-138.

Osorio AM, Ames RG, Rosenberg J, Mengle D. 1991. Investigation of a fatality among parathion applicators in California. Am J Ind Med 20:533-546.

Osorio AM, Ames RG, Jones J, Castorina J, Rempel D, Estrin W, Thompson D. 1994. Carpal tunnel syndrome among grocery store workers: Medical and neurodiagnostic cross-sectional study. Am J Ind Med 25:229-245.

Ostro B. 1987. Air pollution and morbidity revisited: A specification test. J Environ Econ Manage 14:87-98.

Ostro BD, Lipsett M, Jewell N. 1989. Predicting respiratory morbidity from pulmonary function tests: A reanalysis of ozone chamber studies. J Air Poll Cont Assoc 39(10):1313-1318.

Ostro BD, Rothschild S. 1989. Air pollution and acute respiratory morbidity: An observational study of multiple pollutants. Environ Res 50:238-47.

Ostro BD, Lipsett MJ, Wienner MB, Selner JC. 1991. Asthmatic response to airborne acid aerosols. Am J Pub Health 81:694-702.

Ostro BD, Lipsett MJ, Mann J, Krupnick A, Harrinton W. 1993. Air pollution and respiratory morbidity among adults in southern California. Am J Epidemiol 137:691-700.

Ostro BD. 1994. Estimating the health effects of air pollution: A method with an application to Jakarta. Policy Research Working Paper No. 1301, the World Bank, Washington, DC.

Ostro BD, Lipsett MJ, Mann J, Wiener M, Selner J. 1994. Indoor air pollution and asthma: Results from a panel study. Am J Respir Crit Care Med 149:1400-6.

Ostro BD. 1995. Addressing uncertainties in the quantitative estimation of air pollution health effects. The first EC/OECD/IEA Workshop on Energy Externalities: The External Costs of Energy. Brussels, Belgium, pp. 195-200.

Ostro BD. 1995. Fine particulate air pollution and mortality in two southern California counties. Environ Res 70:98-104.

Ostro BD, Lipsett M, Mann J. 1995. Air pollution and asthma exacerbation among African-American children in Los Angeles. Inhal Tox 7:711-722.

Ostro BD. 1996. Air pollution and mortality in central and eastern Europe. In: East-West Life Expectancy Gap in Europe: Environmental and Non-Environmental Determinants. Hertzman C, Kelly S, Bobak M, eds. NATO ASI Series. Kluwer Academic Publishers, London, pp. 85-96.

Ostro BD. 1996. A methodology for estimating air pollution health effects. Office of Global and Integrated Environmental Health, World Health Organization. WHO/EHG/96.5.

Ostro BD. 1996. Discussion of perspectives on rural environmental health in Central Europe. Int J Occup Environ Health 2:12-15.

Ostro BD, Sanchez JM, Aranda C, Eskeland GS. 1996. Air pollution and mortality: Results from a study in Santiago, Chile. J Exp Anal Environ Epidemiol 6(1):97-114.

Ostro BD, Chestnut L. 1998. Assessing the health benefits of reducing particulate matter air pollution in the United States. Environ Res 76:94-106.

Ostro BD, Chestnut L, Vichit-Vadakan N, Laixuthai A. 1998. The impact of fine particulate matter on mortality in Bangkok, Thailand. In: $PM_{2.5}$: A Fine Particle Standard, Vol II. Chow J, Koutrakis P, eds. Long Beach, CA. pp. 939–949.

Ostro BD, Lipsett M, Das R. 1998. Particulate matter and asthma: A quantitative assessment of the current evidence. Appl Occup Environ Hyg 13:453-460.

Ostro BD, Chestnut C, Mills DM, Watkins AM. 1999. Estimating the effects of air pollutants on the population: Human health benefits of sulfate aerosol reductions under Title IV of the 1990 Clean Air Act Amendment in air pollution and health. In: Air Pollution and Health. Holgate ST, Samet JM, Koren HS, Maynard LR, eds. Academic Press, London, pp. 899-916.

Ostro BD, Chestnut L. 1999. Inappropriate use of daily mortality analysis: A response. Int J Epidemiol 28:990-992.

Ostro BD, Chestnut L, Vichit-Vadakan N, Laixuthai A. 1999. The impact of particulate matter on daily mortality in Bangkok, Thailand. J Air Waste Manag Assoc 49:100-107.

Ostro BD, Eskeland G, Sanchez J, Feyzioglu T. 1999. Air pollution and health effects: A study of medical visits among children in Santiago, Chile. Environ Health Perspect 107:69-73.

Ostro BD, Hurley S, Lipsett MJ. 1999. Air pollution and daily mortality in the Coachella Valley, California: A study of PM10 in an area dominated by coarse particles. Environ Res 81:231-238.

Ostro BD, Broadwin R, Lipsett MJ. 2000. Coarse and fine particles and daily mortality in the Coachella Valley, California: a follow-up study. J Expo Anal Environ Epidemiol 10:412-419.

Ostro BD, Lipsett, M, Mann J, Braxton-Owens H, White M. 2001. Air pollution and exacerbation of asthma in African-American children in Los Angeles. Epidemiology 12:200-208.

Ostro B. (contributor) Ezzati M, Lopez AD, Rodgers A, et al. 2002. Selected major risk factors and global and regional burden of disease. Lancet 360: 1347-60.

Ostro B, Broadwin R, Lipsett MJ. 2003. Coarse particles and daily mortality in Coachella Valley, California in Revised Analysis of Time Series Studies of Air Pollution and Health, Health Effects Institute Special Report. May 2003.

Ostro B. 2004. Outdoor Air Pollution: Assessing the environmental burden of disease at national and local levels. World Health Organization, Environmental Burden of Disease Series, No. 5. Geneva.

Ostro B. 2006. "Health Impact Assessment" in Air Quality Guidelines: Global Update 2005, World Health Organization, Copenhagen, Denmark. http://www.euro.who.int/Document/E90038.pdf.

Ostro B, Broadwin R, Green S, Feng W-Y, Lipsett M. 2006. Fine Particulate Air Pollution and Mortality in Nine California Counties: Results from CALFINE. Environ Health Perspect 114:29-33.

Ostro B, Green S, Feng W-Y, Broadwin R, Lipsett M. 2006. The Effects of Components of Fine Particulate Air Pollution on Mortality in California: Results from CALFINE (forthcoming, available on-line)

Ostro B, Tran H, Levy J. 2006. The Health Benefits of Reduced Tropospheric Ozone in California. J Air Waste Manage 56:1007-1021.

Ostro B, Feng WY, Broadwin R, Green S, Lipsett M.2007.The Effects of Components of Fine Particulate Air Pollution on Mortality in California: Results from Calfine. Environ Health Perspect 115:13-19.

Ostro B, Rauch RS, Green R, Malig B, Basu R. 2010. The effect of temperature and air conditioning use on hospitalizations. *American Journal of Epidemiology*, 172(9):1053-61.

Painter PR. 2000. Rivers, blood and transportation networks. Nature 408:159.

Painter PR. 2005. The fractal geometry of nutrient exchange surfaces does not provide an explanation for ¾-power metabolic scaling. Theor Biol Med Model. 2:30. http://www.tbiomed.com/content/2/1/30

Painter PR. 2005. Allometric scaling of the maximum metabolic rate of mammals: oxygen transport from the lungs to the heart is a limiting step. Theor Biol Med Model. **2**:31. http://www.tbiomed.com/content/2/1/31

Painter PR. 2005. Data from necropsy studies and *in vitro* tissue studies lead to a model for allometric scaling of basal metabolic rate. Theor Biol Med Model. 2:39. http://www.tbiomed.com/content/2/1/39

Painter PR. 2005. Supply-demand balance in outward-directed networks and Kleiber's law. Theor Biol Med Model. **2**:45. http://www.tbiomed.com/content/2/1/45

Painter PR, Eden P, Bengtsson H-U. 2006. Pulsatile blood flow, shear force, energy dissipation and Murray's Law. Theor Biol Med Model. 3:31. http://www.tbiomed.com/content/3/1/31

Painter PR. 2007. The velocity of the arterial pulse wave: a viscous-fluid shock wave in an elastic tube. Theor Biol Med Model. 5:15.http://www.tbiomed.com/content/5/1/15

Parker T. 1995. Chemical disaster preparedness. In: Environmental Medicine. Brooks S, Gochfeld M, Herzstein J, Jackson R, Schenker M, eds. Mosby, pp. 722-728.

Parker JD, Woodruff TJ, Basu R, Schoendorf KC. 2005. Particulate matter and birth weight among term infants in California. Pediatrics 115(5):121-8.

Parker T, Howd R, Robles H. 2005. Carbon tetrachloride. In: Encyclopedia of Toxicology, Second Edition, Elsevier, San Diego. pp.426-428.

Pease WS, Zeise L, Kelter A. 1990. Risk assessment for carcinogens under California's Proposition 65. Risk Anal 10(2):255-271.

Porter KE, Basu A, Hubbard AE, Bates MN, Kalman D, Rey O, Smith A, Smith MT, Steinmaus C, Skibola CF. 2010. Association of genetic variation in cystathionine-beta-synthase and arsenic metabolism. Environ Res 110:580-7

Rabovsky J, Brown JP. 1993. Malathion metabolism and disposition in mammals. J Occup Med Toxicol 2:131-168.

Ravid T, Heidinger JM, Gee P, Khan EM, Goldkorn T. 2004. c-Cbl-mediated ubiquitinylation is required for epidermal growth factor receptor exit from the early endosomes. J Biol Chem 279: 37153-62.

Raychaudhuri S, Willgohs E, Nguyen TN, Khan EM, Goldkorn T. 2008. Monte Carlo simulation of cell death signaling predicts large cell-to-cell stochastic fluctuations through the type 2 pathway of apoptosis. Biophys J 95: 3559-62.

Reigner BG, Gungon RA, Bois FY, Zeise L, Tozer TN. 1992. Pharmacokinetic concepts in assessing intake of pentachlorophenol by rats after exposure through drinking water. J Pharm Sci 81(11):1113-1118.

Salinas JA. 1994. Stochastic health risk assessment for a hazardous waste incinerator. In: Hazardous Waste and Public Health. Internat Cong on the Health Effects of Hazardous Waste. Andrews JS, Frumkin H, Johnson BL, Mehlman MA, Xintaras C, Bucsela JA, eds. Princeton Scientific Publishing Co., Princeton, New Jersey, pp. 461-476.

Salmon AG, Einwohner R, Dunn AJ, Au L. 1991. Appendix 1. (Injection studies). In: Risks of Carcinogenesis from Urethane Exposure. Salmon AG, Zeise L, eds. CRC Press, Boca Raton, FL, pp. 112-193.

Salmon AG, Landy D, Zeise L. 1991. Chap 2, Pharmacokinetics and metabolism. In: Risks of Carcinogenesis from Urethane Exposure. Salmon AG, Zeise L, eds. CRC Press, Boca Raton, FL, pp. 10-27.

Salmon AG, Painter P, Dunn AJ, Wu-Williams A, Monserrat L, Zeise L. 1991. Chap 4, Carcinogenic effects. In: Risks of Carcinogenesis from Urethane Exposure. Salmon AG, Zeise L, eds. CRC Press, Boca Raton, FL, pp. 58-77.

Salmon AG, Zeise L. 1991. Risks of Carcinogenesis From Urethane Exposure. CRC Press, Boca Raton, Florida, 231 pp.

Salmon AG, Kizer KW, Zeise L, Jackson RJ, Smith MT. 1995. Potential carcinogenicity of chloral hydrate - a review. J Toxicol Clin Toxicol 33(2):115-121.

Salmon AG. 2005. Chap XVII: Risk assessment for chemical carcinogens. In: Molecular Carcinogenesis. Landolph JR, Warshawsky D, eds. CRC Press, Boca Raton, FL. pp. 501-545.

Sandy MS, Salmon AG, Zeise L. 1991. Mode of action of urethane tumorigenesis. In: Risks of Carcinogenesis from Urethane Exposure. Salmon AG, Zeise L, eds. CRC Press, Boca Raton, FL, pp. 78-95.

Saunders LD, Ames RG, Knaak JB, Jackson RJ. 1987. Outbreak of Omite-CR-induced dermatitis among orange pickers in Tulare County, California. J Occup Med 29(5):409-413.

Scarborough ME, Ames RG, Lipsett MJ, Jackson RJ. 1989. Acute health effects of community exposure to cotton defoliants. Arch Environ Health 44:355-60.

Schwilk E, Zhang L, Smith MT, Smith AH, Steinmaus C. 2010. Formaldehyde and leukemia: an updated meta-analysis and evaluation of bias. J Occup Environ Med Sep;52(9):878-86.

Sedman RM, Beaumont J, McDonald TA, Reynolds S, Krowech G, Howd R. 2006. Review of the evidence regarding the carcinogenicity of hexavalent chromium in drinking water. J Environ Sci Health C Environ Carcinog Ecotoxicol Rev. Apr;24(1):155-82.

Sedman RM. 2008. Risk Assessment for Chloroform, Reconsidered. In: Risk Assessment of Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. 267-286.

Sesline D, Ames RG, Howd RA. 1994. Irritative and systemic symptoms following exposure to Microban disinfectant through a school ventilation system. Arch Environ Health 49:439-444.

Shusterman D, Alexeeff GV, Hargis C, Kaplan J, Sato R, Gelb A, Becker C, Neal B, Gillen M, Thollaug S, Balmes J. 1996. Predictors of carbon monoxide and hydrogen cyanide exposure in smoke inhalation patients. Clin Toxicol 34:61-71.

Singer BC, Hodgson AT, Hotchi T, Kim JJ. 2004. Passive measurement of nitrogen oxides to assess traffic-related pollutant exposure for the East Bay Children's Respiratory Health Study. Atmos Environ 38(3)393-403.

Steenland K, Jenkins B, Ames RG, O'Malley M, Chrislip D, Russo J. 1994. Chronic neurologic sequelae to acute organophosphate pesticide poisoning. Am J Pub Health 84 (5):731-736.

Steinmaus C, Miller M, Smith M. 2011Relative Source Contribution of Perchlorate and Other Goitrogens in Newborn Thyroid Function. Author's Reply. J Occup Environ Med. 53(5):466-7.

Smith AH, Ercumen A, Yuan Y, Steinmaus CM. 2009. Increased Lung Cancer Risks are Similar Whether Arsenic is Ingested or Inhaled. J Expo Sci Environ Epidemiol. 19(4):343-348.

Smith AH, Steinmaus C. 2009. Health Effects of Arsenic and Chromium in Drinking Water: Recent Human Findings. Annual Reviews of Public Health, 30:107-22.
Smith AH, Steinmaus CM. 2011 Arsenic in Drinking Water. BMJ. 342:d2248.

Smith AH, Marshall G, Yuan Y, Liaw J, Ferreccio C, Steinmaus C. 2010. Evidence From Chile That Arsenic in Drinking Water May Increase Mortality From Pulmonary Tuberculosis. Am J Epidemiol. 173:414-20

Steinmaus C, Miller MD, Howd R. 2007. Impact of Smoking and Thiocyanate on Perchlorate and Thyroid Hormone Associations in the 2001-2002 National Health and Nutrition Examination Survey. Environ Health Perspect 115: 1333-1338.

Steinmaus C, Moore L, Shipp M, Kalman D, Biggs ML, Hopenhayn C, Bates M, Zheng S, Smith AH. 2007 Genetic Polymorphisms in MTHFR 677 and 1298, GSTM1 and T1, and Metabolism of Arsenic. J Toxicol Environ Health 70:159-170.

Steinmaus C, Smith AH, Jones RM, Smith MT. 2008. Meta-analysis of Benzene Exposure and non-Hodgkin Lymphoma: Biases Could Mask an Important Association. Occupational and Environmental Medicine, 65:371-378

Steinmaus C, Yuan Y, Liaw J, Smith AH. 2009 No Association Identified Between Diabetes Mellitus and Low Level General Population Exposure to Inorganic Arsenic in the United States. Epidemiology, 20:807-815.

Steinmaus C, Miller M, Smith AH. 2010. Perchlorate in drinking water during pregnancy and neonatal thyroid hormone levels in California. J Occup Environ Med 52:1217-524

Steinmaus C, Smith AH, Smith MT. 2011 Regarding "Meta-analysis and Causal Inference: A Case Study of Benzene and Non-Hodgkin Lymphoma": An Incomplete Analysis. Ann Epidemiol 21:67-9

Steinmaus C, Smith AH, Smith M. 2010. Response to Swaen et al. [Letter]. Occupational and Environmental Medicine. 6:287.

Steinmaus C, Yuan Y, Kalman D, Rey OA, Skibola CF, Dauphine D, Basu A, Porter KE, Hubbard A, Bates MN, Smith MT, Smith AH. 2010. Individual differences in arsenic metabolism and lung cancer in a case-control study in Cordoba, Argentina. Toxicol Appl Pharmacol 247(2):138-45.

Sutton P, Woodruff TJ, Perron J, Stotland N, Conry JA, Miller MD, Giudice LC. 2012. Toxic environmental chemicals: the role of reproductive health professionals in preventing harmful exposures. Am J Obstet Gynecol; doi: 10.1016/j.ajog.2012.01.034 [Online April 2012].

Swenberg J, Gaylor D, Krewski D, Pitot H, Popp J, McConnell E, Zeise L. 1994. Expert consensus report. Evaluation of Reduced Protocols for Carcinogenicity Testing of Chemicals,

Report of a Joint EPA/NIEHS Workshop. Lai DY, Baetcke KP, Vu VT, Cotruvo JA, Eustis SL, eds. Reg Toxicol Pharmacol 19:183-201.

Tancrede M, Wilson R, Zeise L, Crouch EAC. 1987. The carcinogenic risks of some organic vapors indoors: A theoretical survey. Atmos Environ 21(10):2187-2205.

Tancrede M, Wilson R, Zeise L, Crouch EAC. 1989. The carcinogenic risks of some organic vapors indoors. Adv Risk Anal 7:551-561.

Thundiyil JG, Solomon GM, Miller MD. 2007. Transgenerational exposures: persistent chemical pollutants in the environment and breast milk. Pediatr Clin North Am. 54(1):81-101.

Thundiyil JG, Yuan Y, Smith AH, Steinmaus C. 2007. Seasonal Variation of Arsenic Concentration in Wells in Nevada. Environ Res 104:367-373.

Ting D, Howd R A, Fan AM, and Alexeeff GV. 2006. Development of a Health-Protective Drinking Water Level for Perchlorate. Environ Health Perspect 114:881-886

Ting D. 2008. Risk Assessment Thyroid Hormone Disruptor:Perchlorate. In: Risk Assessment of Chemicals in Drinking Water, Howd R and Fan AM, eds. John Wiley and Sons, Hoboken, NJ. pp. 287-302.

Ting D and Steinmaus C. 2010. Human Toxicity of Perchlorate. Encyclopedia of Environmental Health. Elsevier. Oxford

Tomar RS, and Shiao R. 2008. Early lifer and adult exposure to isoflavones and breast cancer risk. J Environ Sci Health Part C Environ Carcinog Ecotoxicol Rev 26(2) 113-173.

Tsai FC, Daisey JM and Apte MG. 2000. An Exporatory Analysis of the Relationship between Mortality and the Chemical Composition of Airborne Particulate Matter. Inhalation Toxicology 12 (Supplement 2): 121-135.

Tsai FC, Smith K, Vichit-Vadakan N, Ostro B, Chestnut L. 2000. Indoor/outdoor PM10 and PM2.5 in Bangkok, Thailand. J Exp Anal Environ Epidemiol 10:15-26.

Tsai FC and Macher JM. 2005. Concentrations of Airborne Culturable Bacteria in 100 Large U.S. Office Buildings from the BASE Study, Indoor Air, 15 (S9): 71-81.

Tsai FC, Macher JM, Hung YY. 2007. Biodiversity and concentrations of airborne fungi in large U.S. office buildings from the BASE study. Atmospheric Environment 41: 5181-5191.

Valacchi G, Davis PA, Khan EM, Lanir R, Maioli E, Pecorelli A, Cross CE, Goldkorn T. 2011. Cigarette smoke exposure causes changes in Scavenger Receptor B1 level and distribution in lung cells. Int J Biochem Cell Biol 43:1 065-70.

Vichit-Vadakan N, Ostro BD, Chestnut LG, Mills DM, Aekplakorn W, Wangwongwatana S, Panich N. 2001. Air pollution and respiratory symptoms: results from three panel studies in Bangkok, Thailand. Environ Health Perspect 109 Suppl 3:381-7.

Vidair C. 2004. Age dependence of organophosphate and carbamate neurotoxicity in the postnatal rat: extrapolation to the human. Toxicol Appl Pharmacol 196:287-302.

Vidair C, Rubin H. 2005. Mg^{2+} as activator of uridine phosphorylation in coordination with other cellular responses to growth factors. Proc Natl Acad Sci USA 102(3):662-666.

Vidair C., Haas, R. and Schlag R. 2007. Testing impact attenuation on California playground surfaces made of recycled tires. Int J Injury Control Safety Promotion 14:225-230.

Vinceti M, Bottecchi I, Fan A, Finkelstein Y, Mandrioli J. 2012. Are environmental exposures to selenium, heavy metals, and pesticides risk factors for amyotrophic lateral sclerosis? Rev Environ Health 27(1): 19-41.

Vork K, Hammond SK. 2001. Prevention of lead poisoning in construction workers: A new public health approach. Am J Ind Med 39:243-253.

Vork KL, Broadwin R. 2002. Household environmental tobacco smoke (ETS) exposure and risk of childhood asthma - techniques to reduce between-study heterogeneity in a meta-analysis. Indoor Air 2002, The Ninth Internat Conf on Indoor Air Quality and Climate, Vol 2, Monterey, California, pp. 483-488,

Vork KL, Broadwin RL, Blaisdell RJ. 2007. Developing Asthma in Childhood from Exposure to Secondhand Tobacco Smoke: Insights from a Meta-Regression. Environmental Health Perspectives, 115:1394–1400.

Ward EM, Schulte PA, Straif K, Hopf NB, Caldwell JC, Carreón T, DeMarini DM, Fowler BA, Goldstein BD, Hemminki K, Hines CJ, Pursiainen KH, Kuempel E, Lewtas J, Lunn RM, Lynge E, McElvenny DM, Muhle H, Nakajima T, Robertson LW, Rothman N, Ruder AM, Schubauer-Berigan MK, Siemiatycki J, Silverman D, Smith MT, Sorahan T, Steenland K, Stevens RG, Vineis P, Zahm SH, Zeise L, Cogliano VJ. 2010. Research recommendations for selected IARC-classified agents. Environ Health Perspect. 118(10): 1355-62.

Watanabe K, Bois F, Zeise L. 1992. Interspecies extrapolation: A reexamination of acute toxicity data. Risk Anal 12(2):301-310.

White RH, Cote I, Zeise L, Fox M, Dominici F, Burke TA, White PD, Hattis DB, Samet JM. 2008. State-of-the-science workshop report: issues and approaches in low-dose-response extrapolation for environmental health risk assessment. Environ Health Perspec. 117(2): 283-7.

Willhite CC, Ferm VH, Zeise L. 1990. Route-dependent pharmacokinetics, distribution, and placental permeability of organic and inorganic selenium in hamsters. Teratol 42:359-371.

Wisniewski JA. 1996. Carcinogenicity-testing methods. In: Toxicology and Risk Assessment: Principles, Methods, and Applications, Fan AM, Chang LW, eds. Marcel Dekker, Inc., New York, pp. 121-152.

Woodruff TJ, Zeise L, Axelrad DA, Guyton KZ, Janssen S, Miller M, Miller GG, Schwartz JM, Alexeeff G, Anderson H, Birnbaum L, Bois F, Cogliano VJ, Crofton K, Euling SY, Foster PM, Germolec DR, Gray E, Hattis DB, Kyle AD, Luebke RW, Luster MI, Portier C, Rice DC, Solomon G, Vandenberg J, Zoeller RT. 2008. Meeting report: moving upstream-evaluating adverse upstream end points for improved risk assessment and decision-making. Environ Health Perspec. 116(11): 1568-75.

Woodruff TJ, Burke TA., Zeise, L. 2011. The Need for Better Public Health Decisions on Chemical Released Into Our Environment. *Health Affairs*, 30, no.5 (2011):957-967

Wu-Williams A, Zeise L, Thomas D. 1992. Risk assessment for aflatoxin B_1: A modeling approach. Risk Anal 12(4):559-567.

Yang JM, Salmon AG, Marty MA. (2010) Development of TEFs for PCB congeners by using an alternative biomarker - Thyroid hormone levels. Reg Toxicol Pharmacol. 56:225-236.

Yamamoto AH, Brodberg RK, Banga SS, Boyd JB, Mason JM. 1990. Recovery and characterization of hybrid dysgenesis-induced *mei-9* and *mei-41* alleles of *Drosophila melanogaster*. Mutation Research 229:17-28.

Yamamoto JT, Donohoe RM, Fry DM, Golub MS, Donald JM. 1996. Environmental estrogens: Implications for reproduction in wildlife. In: Noninfectious Diseases of Wildlife, Second Ed. Fairbrother A, Locke LN, Hoff GL, eds. Iowa State University Press, Ames, Iowa, pp. 31-51.

Yuan Y, Marshall G, Ferreccio C, Steinmaus C, Selvin S, Liaw J, Bates MN, Smith AH. 2007, Acute Myocardial Infarction Mortality in Comparison to Lung and Bladder Cancer Mortality in Arsenic Exposed Region II of Chile. Am J Epidemiol pp. 1381-1391.

Yuan Y, Liaw J, Steinmaus C, Smith AH. 2010 Kidney cancer mortality: fifty year latency patterns related to arsenic exposure. Epidemiology 21:103-8

Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of butyl benzyl phthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:453-87.

Zacharewski T. 2002. Phthalates expert panel report on the reproductive and developmental toxicity of di (2-ethylhexyl)phthalate. NTP Center for the Evaluation of Risks to Human Reproduction. Repro Toxicol 16:529-653.

Zeise L, Painter P, Berteau PE, Fan AM, Jackson R. 1991. Alar in fruit: limited regulatory action in the face of uncertain risks. Advances in Risk Anal 9:275-284.

Zeise L, Salmon AG, McDonald T, Painter P. 1991. Cancer potency estimates for urethane In: Risks of Carcinogenesis from Urethane Exposure. Salmon AG, Zeise L, eds. CRC Press, Boca Raton, FL, pp. 97-111.

Zeise L, Huff JE, Salmon AG, Hooper NK. 1990. Overview of human risk from environmental exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and hexachlorodibenzo-*p*-dioxins. In: Environmental and Occupational Cancer: Scientific Update, 1990. Advances in Modern Environ Toxicol, Vol 17. Mehlman, MA, ed. Princeton University Press, Princeton, NJ, pp 293-342.

Zeise L. 1994. Assessment of carcinogenic risks in the workplace. In: Chemical Risk Assessment and Occupational Health: Current applications, limitations and future prospects. Smith MC, Christiani DC, Kelsey KT, eds. Auburn House, Westport, CT, pp. 113-122.

Zeise L, Cardis E, Hemminski K, Schwartz M. 1999. Quantitative estimation and prediction of cancer risk: Review of existing activities. In: Quantitative Estimation and Prediction of Carcinogenic Risk to Humans, Moolgavkar S, Krewski D, Zeise L, Cardis E, Moller H, eds. IARC Sci Publ No. 131, International Agency for Research on Cancer, World Health Organization, Lyon, pp. 11-59.

Zeise L, Dunn A. 1999. Health effects of exposure to environmental tobacco smoke: The report of the California Environmental Protection Agency. Smoking and Tobacco Control Monograph no. 10. U.S. Department of Health and Human Services, National Institutes of Health, National Cancer Institute, Bethesda, MD. NIH Pub. No. 99-4645.

Zeise L, McDonald TA. 2000. California perspectives on the assessment of benzene toxicological risks. J Toxicol Environ Health A 61:101-105.

Zeise L. 2001. Risk assessment of genotoxic carcinogens. In: Genetic Toxicology and Cancer Risk Assessment, Choy WN, ed. Marcel Dekker, New York, pp. 321-354.

Zeise L, Hattis D, Andersen M, Bailer AJ, Bayard S, Chen C, Clewell H, Conolly R, Crump K, Dunson D, Finkel A, Haber L, Jarabek AM, Kodell R, Krewski D, Thomas D, Thorslund T, Wassell JT. 2002. Improving risk assessment: Research opportunities in dose response modeling to improve risk assessment. Hum Ecol Risk Assess 8(6):1421-1444.

Zhang L, Steinmaus C, Eastmond DA, Xin XK, Smith MT. 2009. Formaldehyde Exposure and Leukemia: A New Meta-analysis and Potential Mechanisms. Mutation Research Reviews, 681:150-168.

Zolkowska D, Banks CN, Dhir A, Inceoglu B, Sanborn JR, McCoy MR, Bruun DA, Hammock BD, Lein PJ, Rogawski MA. 2012. Characterization of Seizures Induced by Acute and Repeated Exposure to Tetramethylenedisulfotetramine. J Pharmacol Exp Ther. 341(2): 435-446.