

## 參考文獻

- Aberer W, Gersiner G, Pehamberger PH. Ammoniated mercury ointment: outdated but still in use. *Contact Dermatitis*, 23: 168-171(1990).
- AFHS (Air Force Health Study). An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. Baseline Morbidity Study Results. Brooks AFB, TX: USAF School of Aerospace Medicine. NTIS AD-A138 340. 362 (1984).
- AFHS. An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. First Follow-up Examination Results. 2 vols. Brooks AFB, TX: USAF School of Aerospace Medicine. USAFSAM-TR-87-27. 629 (1987).
- AFHS. An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. Serum Dioxin Analysis of 1987 Examination Results. 9 vols. Brooks AFB, TX: USAF School of Aerospace Medicine (1991).
- AFHS. An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. 1992 Follow-up Examination Results. 10 vols. Brooks AFB, TX: Epidemiologic Research Division. Armstrong Laboratory(1995).
- AFHS. An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. 1997 Follow-up examination and results. Reston, VA: Science Application International Corporation. F41624-96-C1012 (2000).
- Agency for Toxic Substances and Disease Registry (ATSDR) . Toxicological profile for mercury (update) . Atlanta, GA: ATSDR, US Department of Health and Human Services(1999).
- Al-Mufti AW, Copplestone JF, Kazanitzis G, et al., Epidemiology of organomercury poisoning in Iraq: I. Incidence in a defined area and relationship to the eating of contaminated bread. *Bulletin of the World Health Organization*, 53 Suppl.:23-36(1976).

- Al-Saleem T. and the Clinical Committee on Mercury Poisoning. Levels of mercury and pathologic changes in patients with organomercury poisoning. *Bulletin of the World Health Organization*, 53 ( Suppl. ) : 99-104(1976).
- Alvares AP, Fischbein A, Anderson KE, Kappas A. Alteration in drug metabolism in workers exposed to polychlorinated biphenyls. *Clinical Pharmacology Therapy*, 22: 140(1977).
- Amirova Z. PCDD/Fs levels in blood and human milk from urban and rural areas of Bashkortostan, Russia. In: *Dioxin'99: 19<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs*, Venice, Italy, 12-17 September 1999; *Organohalogen Compounds*, 44: 75-78(1999).
- Amirova Z, Kruglov E. The situation with dioxins in Bashkortostan Republic. Ufa, 115 (in Russian)(1998).
- Amirova Z. Analyzing a substructure of phenoxyherbicide production workers cohort by the pattern recognition. In: *Dioxin'99: 19<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs*, Venice, Italy, 12-17 September; *Organohalogen Compounds*, 44: 71-78(1999).
- Anna F. Neurotoxic and molecular effects of methylmercury in humans. *Reviews on Environmental Health*, 18:19-31(2003).
- Apostoli P, Magoni M, Bergonzi R. Assessment of reference values for polychlorinated biphenyl concentration in human blood. *Chemosphere* ,61: 413-421(2005).
- Arzuaga X, Reiterer G, Majkova Z, Kilgore MW, Toborek M, Hennig B. PPARalpha ligands reduce PCB-induced endothelial activation: possible interactions in inflammation and atherosclerosis. *Cardiovasc Toxicol* 7:264-272(2007).
- Assennato G, Cervino D, Emmet E, Longo G, Mer loF. Followup on subjects who developed chloracne following TCDD exposure of Seveso. *American Journal of Industrial Medicine* 16:119-125(1989).
- Ashe WF, Suskind RR. Reports on chloracne cases, Monsanto Chemical Co.,

- Nitro, West Virginia, October 1949 and April 1950. Cincinnati, OH, Department of Environmental Health, College of Medicine, University of Cincinnati (unpublished)(1950).
- ATSDR, A.f.T.S.a.D.R. TOXICOLOGICAL PROFILE FOR CHLORINATED DIBENZO-p-DIOXINS. Update Draft. US Dept of Health and Human Services, Public Health Service. (1998).
- Aulerich RJ, Ringer RK, Iwamoto S. Effects of dietary mercury in mink. Archives of Environmental Contamination and Toxicology ,2: 43-51(1974).
- Ayotte P, Dewailly E, Ryan JJ, Bruneau S. PCBs and dioxin-like compound in plasma of adult inuit living in Nunavik(Arctic Quebec). Chemosphere, 34(5-7): 1459-1468(1997).
- Baader EW, Bauer HJ. Industrial intoxication due to pentachlorophenol. Industrial Medicine and Surgery 20: 286-290(1951).
- Bakir F, Damluji SF, Amin-Zaki L., et al.: Methylmercury poisoning in Iraq. Science, 181: 230-241(1973).
- Bakir F, Rustam H, Tikriti S., et al. Clinical and epidemiological aspects of methylmercury poisoning. Postgraduate Medical Journal ,56: 1-10(1980).
- Barbieri S, Pirovano C, Scarlato G, Tarchini P, Zappa A, Maranzana M. Long-term effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on the peripheral nervous system. Clinical and neurophysiological controlled study on subjects with chloracne form the Seveso area. Neuroepidemiology, 7:29-37 (1988).
- Barregard LB, Hogstedt A, Schutz A., et al. Effects of occupational exposure to mercury vapor on lymphocyte micronuclei. Scand. J. Work. Environ. Health, 17: 263-268(1991).
- Bates MN, Buckland SJ, Garrett N. Persistent organochlorines in the serum of the non-occupationally exposed New Zealand population. Chemosphere, 54: 1431-1443(2004).
- Bauer H, Schulz K, Spiegelburg W. Industrial poisoning in the manufacture of chlorophenol compounds. Arch Gewerbepath Gewerbehyg, 18:538-555(1961).

- Bertazzi PA. Long-term effects of chemical disasters. Lessons and results from Seveso. *Sci Total Environ*, 106:5-20(1991).
- Bertazzi PA, Bernucci I, Brambilla G, Consonni D, Pesatori AC. The Seveso studies on early and long-term effects of dioxin exposure: a review. *Environ Health Perspect*, 106 Suppl 2:625-633(1998).
- Biswas G, Srinivasan S, Anandatheerthavarada HK, Avadhani NG. Dioxin-mediated tumor progression through activation of mitochondria-to-nucleus stress signaling. *Proc Natl Acad Sci USA*, 105:186-191(2008).
- Brown DP. Mortality of workers exposed to polychlorinated biphenyls—an update. *Arch Environ Health*, 42: 333-339(1987).
- Brown, I.A. Chronic mercurialism: a cause of the clinical syndrome of amyotrophic lateral sclerosis. *Archives of Neurology and Psychiatry*, 72: 674-681(1954).
- Calvert GM, Wille KK, Sweeney MH, Fingerhut MA, Halperin WE. Evaluation of serum lipid concentrations among U.S. workers exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. *Arch Environ Health*, 51:100-107(1996).
- Calvert GM, Sweeney MH, Deddens J, Wall DK. Evaluation of diabetes mellitus, serum glucose, and thyroid function among United States workers exposed to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. *Occup Environ Med*, 56:270–276(1999).
- Canga L, Rifkind R. Heart as a target organ in 2,3,7,8-tetra-chlorodibenzo-p-dioxin toxicity: decreased beta-adrenergic responsiveness and evidence of increased intracellular calcium. *Proc Natl Acad Sci USA*, 85:905-909(1988).
- Centers For Disease Control Vietnam Experience Study. Health status of Vietnam veterans. I. Psychosocial characteristics. *Journal of the American Medical Association*, 259:2701-2707(1988).
- Chan HM, Berti PR, Receveur O, Kuhnlein HV. Evaluation of the population distribution of dietary contaminant exposure in an Arctic population using

- Monte Carlo statistics. *Environmental Health Perspectives*, 105(3):316-321(1997).
- Cheal KL, Abbasi F, Lamendola C, McLaughlin T, Reaven GM, Ford ES. Relationship to insulin resistance of the adult treatment panel III diagnostic criteria for identification of the metabolic syndrome. *Diabetes*, 53:1195-1200(2004).
- Chen HL, Liao PC, Su HJ. Profile of PCDD/F levels in serum of general Taiwanese between different gender, age and smoking status. *Sci Total Environ*, 337:31-43(2005).
- Chen PH, Luo ML, Wong CK, Chen CJ. Polychlorinated biphenyls, dibenzofuran, and quarterphenyls in the toxic rice-bran oil and PCBs in the blood of patients with PCB poisoning in Taiwan. *Prog Clin Biol Res*, 137: 133-145(1984).
- Chen HL, Su HJ, Lee CC. 2006. Patterns of serum PCDD/Fs affected by vegetarian regime and consumption of local food for residents living near municipal waste incinerators from Taiwan. *Environ Int* 32:650-655.
- Chen HL, Hsu CY, Hung DZ, Hu ML. 2006. Lipid peroxidation and antioxidant status in workers exposed to PCDD/Fs of metal recovery plants. *The Science of the Total Environment* 372:12-19.
- Chen YC, Guo YL, Hsu CC, Rogan WJ. Cognitive development of Yu-Cheng ('oil-disease') children prenatally exposed to heat-degraded PCBs. *JAMA*, 268:3213-3218(1992).
- Chen YW, Huang CF, Tsai KS, Yang RS, Yen CC, Yang CY, Lin-Shiau SY, Liu SH. 2006. Methylmercury induces pancreatic beta-cell apoptosis and dysfunction. *Chem Res Toxicol* 19:1080-1085.
- Chen YW, Huang CF, Tsai KS, Yang RS, Yen CC, Yang CY, Lin-Shiau SY, Liu SH. 2006. The role of phosphoinositide 3-kinase/Akt signaling in low-dose mercury-induced mouse pancreatic beta-cell dysfunction in vitro and in vivo. *Diabetes* 55:1614-1624.
- Cinca, I., Dumitrescu, I., Onaca, P., et al. Accidental ethylmercury poisoning with nervous system, skeletal muscle, and myocardium injury. *Journal of*

- Neurology, Neurosurgery and Psychiatry ,43: 143-149(1979).
- Clarkson TW, Magos L, Myers GJ, Current Concepts: The Toxicology of Mercury — Current Exposures and Clinical Manifestations. New England Journal of Medicine, 349:1731-1737(2003).
- Calvert GM, Sweeney MH, Deddens J, Wall DK Evaluation of diabetes mellitus, serum glucose, and thyroid function among United States workers exposed to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. Occup Environ Med, 56:270–276(1999).
- Chen YW, Huang CF, Tsai KS, et al. Methylmercury induces pancreatic beta-cell apoptosis and dysfunction. Chem Res Toxicol, 19:1080-1085(2006).
- Chen YW, Huang CF, Tsai KS, et al. The role of phosphoinositide 3-kinase/Akt signaling in low-dose mercury-induced mouse pancreatic beta-cell dysfunction in vitro and in vivo. Diabetes 55,1614-1624(2006).
- Cook JC, Caido KW, and Greenlee WF. Ah receptor: relevance of mechanistic studies to human risk assessment. Environment Health Perspective, 76: 71-7(1987).
- Courcier S, Garel M, Mandereau L, et al. Neurodevelopmental investigations among methylmercury-exposed children in French Guyana. Environmental Research, 89: 1-11(2002).
- Cummings AM, Metcalf JL, Birnbaum L. Promotion of endometriosis by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in rats and mice: Time-dose dependence and species comparison. Toxicol Appl Pharmacol 138:131-139(1996).
- Dalton TP, Kerzee JK, Wang B, Miller M, Dieter MZ, Lorenz JN, et al. Dioxin exposure is an environmental risk factor for ischemic heart disease. Cardiovascular Toxicology, 1:285-298(2001).
- Davidson PW, Myers GJ, Cox C, et al. Effects of prenatal and postnatal methylmercury exposure from fish consumption on neurodevelopment: outcomes at 66 months of age in the Seychelles Child Development Study. Journal of the American Medical Association, 280: 701-707(1998).

- Davidson PW, Myers GJ, Cox C, et al. Longitudinal neurodevelopmental study of Seychellois children following in utero exposure to methylmercury from maternal fish ingestion: outcomes at 19 and 29 months. *Neurotoxicology*, 16: 677-688(1995).
- Davis LE, Kornfeld M, Moodey HS, et al. Methylmercury poisoning: long-term clinical, radiological, toxicological, and pathological studies of an affected family. *Annals of Neurology*, 35: 680-688(1994).
- Debacker N, Wouwe NV, Sasse A. Factors influencing the PCDD/F levels in plasma of Belgian blood donors. In '2004: 25<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Toronto, 21-26 August 2005; *Organohalogen Compounds*, 662: 1730-1732(2005).
- Devito MJ, Birnbaum. Toxicology of dioxins and related chemicals. Pages 139-162 in A. Schecter, editor. *Dioxins and health*. Plenum, New York, New York, USA (1994).
- DeVito MJ, Birnbaum LS, Farland WH, Gasiewicz TA. Comparisons of estimated human body burdens of dioxinlike chemicals and TCDD body burdens in experimentally exposed animals. *Environ. Health Perspect*, 103: 820-831(1995)
- Diaz D, Krejsa CM, Kavanagh TJ. Localization of glutamate-cysteine ligase mRNA and protein in mouse kidney and induction with methylmercury. *Toxicology Letters*, 123:33-41(2001).
- Dolbec J. Methylmercury exposure affects motor performance of a riverine population of the Tapajós river, Brazilian Amazon. *Int Arch Occup Environ Health*, 73:195-203(2000).
- Donald CC, Kearney J, Ryan JJ. Plasma levels and profiles of dioxin and dioxin-like compounds in Ontario great lakes anglers. *Chemosphere*, 34(5-7): 140-1409(1997).
- Duffard R, Garcia G, Rosso S, Bortolozzi A, Madariaga M, Di Paolo O, et al. Central Nervous System Myelin Deficit in Rats Exposed to 2,4-Dichlorophenoxyacetic Acid Throughout Lactation. *Neurotoxicology and Teratology* 18:691-696(1996).

- El-Awady AA, Miller RB, Carter Mj. Automated method for the determination of total and inorganic mercury in water and waste water sample. *Anal Chem*, 48:110-117(1976).
- Engleson, G. and Herner, T. Alkyl mercury poisoning. *Acta Paediatrica Scandinavica*, 41: 289-294(1952).
- Environmental Protection Agency (EPA) . 1997: Mercury report to Congress. Washington, DC: US EPA.
- EPA method 3051- Microwave assisted acid digestion of sediment, sludges, soils, and oils.
- EPA method 7474- Mercury in sediment and tissue samples by atomic fluorescence spectrometry.
- Erickson MD, Swanson SE, Flora JD, Jr., Hinshaw GD. 1989. Polychlorinated dibenzofurans and other thermal combustion products from dielectric fluids containing polychlorinated biphenyls. *Environ Sci Technol* 23: 462-470.
- Evans JL, Goldfine ID, Maddux BA, Grodsky GM: Oxidative stress and stress-activated signaling pathways: A unifying hypothesis of type 2 diabetes. *Endocr Rev*, 23:599-622(2002).
- Everett CJ, Frithsen IL, Diaz VA, Koopman RJ, Simpson WM Jr, Mainous AG 3rd. Association of a polychlorinated dibenzo-p-dioxin, a polychlorinated biphenyl, and DDT with diabetes in the 1999-2002 National Health and Nutrition Examination Survey. *Environ Res*, 103:413-418(2007).
- Fierens S, Mairesse H, Heilier JF, et al. Dioxin/polychlorinated biphenyl body burden, diabetes and endometriosis: findings in a population-based study in Belgium. *Biomarkers* 2003; 8: 529–34.
- Filippini G, Bordo B, Crenna P, Massetto N, Musicco M, Boeri R. Relationship between clinical and electrophysiological findings and indicators of heavy exposure to 2,3,7,8-tetrachlorodibenzodioxin. *Scandinavian Journal of Work Environment & Health*, 7:257-262(1981).
- Fitzhugh, O.G., Nelson, A.A., Laug, E.P., et al. Chronic oral toxicities of mercuric-phenyl and mercuric salts. *Archive of Industrial Hygiene and Occupational Medicine*, 2: 433-442(1950).



- Flesch-Janys D, Berger J, Gurn P, Manz A, Nagel S, Waltsgott H, et al. Exposure to polychlorinated dioxins and furans (PCDD/F) and mortality in a cohort of workers from a herbicide-producing plant in Hamburg, Federal Republic of Germany. *Am J Epidemiol*, 142(11):1165–1175(1995).
- Fowler, B.A. Ultrastructural evidence for neuropathy induced by long-term exposure to small amounts of methylmercury. *Science*, 175: 780-781(1972).
- Franchi, E.G., Loprieno, M., Ballardini, L., et al. Cytogenetic monitoring of fishermen with environmental mercury exposure. *Mutation Research*, 320:23-29(1994).
- Fries CF. The PBB episode in Michigan: an Overall appraisal. *CRC Crit Rev Toxicol*, 16: 105-56(1985).
- Furst P, Papke O. PCDDs, PCDFs and dioxin-like PCBs in human milk and blood from Germany, in '2002: 22<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and Persistent organic Pollutants and POPs, BARCELONA, Spanish, 13-17 August 2002; Organohalogen Compounds, 55: 251-254(2002).
- Futatsuka, M., Kitano, T., Nagano, M., et al. An epidemiological study with risk analysis of liver diseases in the general population living in a methylmercury polluted area. *Journal of Epidemiology and Community Health*, 46: 205-207(1992).
- Ghosh, A.K., S. Sen, A. Sharma, and G. Talukder. Effect of chlorophyllin on mercuric chloride-induced clastogenicity in mice. *Food Chemical Toxicology*, 29: 777-779(1991).
- Golden CJ, Hammeke TA, Purish AD. Manual for the Luria Nebraska Neuropsychological Battery. Los Angeles: Western Psychological Services; (1980).
- Goldstein BJ. Insulin resistance as the core defect in type 2 diabetes mellitus. *Am J Cardiol*, 90:3G-10G(2002).
- Goyer, R.A. Toxic effects of metals. In Amdur, M.O., Doull, J. and Klaassen, C.D., editors, *Casarett and Doull's toxicology – the basic science of poisons*, fourth edition. New York: Pergamon Press(1993).

- Grahmann F, Claus D, Grehl H, Neundörfer B. Electrophysiologic evidence for a toxic polyneuropathy in rats after exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). *J Neurol Sci*, 115:71-75(1993).
- Grandjean, P., Weihe, P., White, R.F., et al. Cognitive deficit in 7-year-old children with prenatal exposure to methylmercury. *Neurotoxicology and Teratology*. 19: 417-428(1997).
- Grandjean, P., Weihe, P., White, R.W., et al. Cognitive performance of children prenatally exposed to 'safe' levels of methylmercury. *Environment Research*, 77: 165-172(1998).
- Grubbs WD, Lustik MB, Brockman AS, Henderson AC, Burnett FR, Land RG, et al. Air Force Health Study. An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. Vol III: 1992 Followup Examination Results, May 2, 1995. Springfield, VA:National Technical Information Service(1995).
- Guo YL, Lai TJ, Ju SH, Chen YC, Hsu CC. Sexual developments and biological findings in Yucheng children. In "13th International Symposium on Chlorinated Dioxins and Related Compounds", Vienna , Austria(1993).
- Guo YL, Lin CJ, Yao WJ, Hsu CC. Musculoskeletal Changes in Yu-Cheng Children Compared with their Matched Controls. In "12th International Symposium on Chlorinated Dioxins and Related Compounds", Tampere, Finland(1992).
- Guo YL, Yu ML, Ryan JJ. Different congeners of PCBs/PCDFs may have contributed to different health outcomes in the Yucheng cohort. *Neurotoxicol Teratol*. 18: 255-6; discussion 271-276(1996).
- Guo YL, Yu ML, Hsu CC, Rogan WJ. 1999. Chloracne, goiter, arthritis, and anemia after polychlorinated biphenyl poisoning: 14-year follow-Up of the Taiwan Yucheng cohort. *Environ Health Perspect* 107: 715-719.
- Grehl H, Grahmann F, Claus D, Neundorfer B. Histologic evidence for a toxic polyneuropathy due to exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rats. *Acta Neurologica Scandinavica*, 88(5):354–357(1993).

- Hanna CP, Tyson JF. Determination of total mercury in water and urine by flow injection atomic absorption spectrometry procedures involving on- and off-line of organomercury species. *Anal Chem*, 65:653-656(1993).
- Harada Y. Congenital(or fetal) Minamata disease. In: Katsanuma M, ed, *Minamata Disease*. Japan: Study Group of Minamata Disease, Kumamoto University, 93-17(1968).
- Harada M. Intrauterine poisoning: clinical and epidemiological studies of the problem. Vol.25: 1-60. *Bull Inst Const Med, Kumamoto Univ* (1976).
- Henriksen GL, Ketchum NS, Michalek JE, Swaby JA Serum dioxin and diabetes mellitus in veterans of Operation Ranch Hand. *Epidemiology*, 8:252–258(1997).
- Hermansky SJ, Holeslaw TL, Murray WJ, Markin RS, Stohs SJ. Biochemical and functional effect of 2,3,7,8-tetra-chlorodibenzo-*p*-dioxin on the heart of female rats. *Toxicol Appl Pharmacol*, 95:175-184 (1988).
- Hirano, M., Mitsumori, K., Maita, K., et al. Further carcinogenicity study on methylmercury chloride in ICR mice. *Japanese Journal of Veterinary Science*, 48: 127-135(1986).
- Hirayama C, Irisa T, Yamamoto T. Fine structural changes of the liver in a patient with chlorobiphenyls intoxication. *Fukuoka Acta Med* 60: 455-461(1969).
- Hirokatsu A, et al. Methylmercury pollution in the Amazon, Brazil. *The Science of the Total Environment*, 175:85-95(1995).
- Hsu ST, MA CI, Hsu SK, Wu SS. Discovery and epidemiology of PCB poisoning in Taiwan. *Am J Ind Med*, 5: 71-79(1984).
- Hooiveld M, Heederik DJ, Kogevinas M, Boffetta P, Needham LL, Patterson DG Jr, et al. Second follow-up of a Dutch cohort occupationally exposed to phenoxy herbicides, chlorophenols, and contaminants. *Am J Epidemiol*, 147(9):891–901(1998).
- Hsu ST, MA CI, Hsu SK, Wu SS. Discovery and epidemiology of PCB poisoning in Taiwan: a four-year followup. *Environ Health Persp*, 59: 5-10(1985).

- Hsu JF, Guo YL, Yang SY. Congener profiles of PCBs and PCDD/Fs in Yucheng victims fifteen years after exposure to toxic rice-bran oils and their implications for epidemiologic studies. *Chemosphere*, 61: 1231(2005).
- Hunter, D., Bomford, R.R. and Russel, D.S. Poisoning by methylmercury compounds. *Quarterly Journal of Medicine*, 9: 193-213(1940).
- IARC. Polychlorinated dibenzo-*p*-dioxins. In: IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Vol 69: Polychlorinated Dibenzopara-dioxins and Polychlorinated Dibenzofurans. Lyon:International Agency for Research on Cancer:33-343(1997)
- Iida T, Hironori H, Matsueda T. Concentrations of PCDDs, PCDFs, Co-PCBs and organochlorine pesticides in the blood and breast milk in Japanese women. In: Dixixn'99: 19<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Venice, Italy, 12-17 September Organohalogen Compounds, 44: 123-127(1999).
- Iida T, Hironori H, Matsueda T, Takenaka S, Nagayama. Polychlorinated dibenzo-*p*-dioxins and related compoubds: The blood levels of young Japanese women. *Chemosphere*, 38(15): 3497-3502(1999).
- Iida T, Hironori H, Matsueda T, Takenaka S, Nagayama. Recent trend of polychlorinated dibenzo-*p*-dioxins and their related compounds in the blood and sebum of yusho and yu-cheng patients. *Chemosphere*, 38 (5): 981-993(1999).
- Ilback NG. Effects of methylmercury exposure on spleen and blood natural-killer ( NK ) cell-activity in the mouse. *Toxicology*, 67: 117-124(1991).
- Ilback NG, Sundberg J, Oskarsson A. Methylmercury exposure via placenta and milk impairs natural killer ( NK ) cell function in newborn rats. *Toxicology Letters*, 58: 149-158(1991).
- Iregren A, Gamberale F, Kjellberg A. A psychological test system to diagnose environmental hazards. *Neurotoxicol Teratol*, 18:485-491 (1996).
- Jalili, H.A. and Abbasi, A.H. Poisoning by ethylmercury toluene sulphonanilide. *British Journal of Industrial Medicine*, 18: 303-308(1961).

- Jean L, Donna M, Marc L, et al. Evidence of early nervous system dysfunction in Amazonian populations exposed to low-levels of methylmercury. *Neurotoxicology*, 17:157-67(1996).
- Jean L, Donna M, Fernando B, et al. Neurotoxic effects of low-level methylmercury contamination in the Amazon basin. *Environment Research, Section A* 79: 23-32(1998).
- Jirasek L, Kalensky K, Kubec K, Pazderova J, Lukas E. Chronic poisoning by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. *Ceskoslovensk a. Dermatologie*, 49, 145- 157(1974).
- Jokinen MP, Walker NJ, Brix AE, Sells DM, Haseman JK, Nyska A. Increase in cardiovascular pathology in female Sprague-Dawley rats following chronic treatment with 2,3,7,8-tetrachlorodibenzo-*p*-dioxin and 3,3',4,4',5-pentachlorobiphenyl. *Cardiovascular Toxicology*, 3:299-310(2003).
- Jones Oliver AH, Maguire ML and Griffin JL. Environmental pollution and diabetes: a neglected association. *The Lancet*, 371: 287-288(2008).
- Joy T, Lahiry P, Pollex RL, Hegele RA. Genetics of metabolic syndrome. *Curr Diab Rep*, 8:141-148 (2008).
- Judy MYW, Allan BO, Patricia AH. Human aryl hydrocarbon receptor polymorphisms that result in loss of CYP1A1 induction. *Biochem Biophys Res Commun*, 288: 990-996(2001).
- Kashimoto T, Miyata H, Kunita S, Tung TC, Hsu ST, Chang KJ, et al. Role of polychlorinated dibenzofuran in yusho (PCB poisoning). *Archives of environmental health* 36:321-326(1981).
- Kellermann G, Shaw CR, Luyten-Kekkerman M. Aryl Hydrocarbon hydroxylase inducibility and bronchogenic carcinoma. *New Engl J Med*, 289: 934-937(1973).
- Kelling CK, Menahan LA, Peterson RE. Effects of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin treatment on chemical function of the rat heart. *Toxicol Appl Pharmacol*, 91:497-501(1987).
- Kerkvliet NI. Immunotoxicology of dioxins and related chemicals. In: Schechter

- A, ed. Dioxins and health. New York, NY: Plenum Press, 199-225(1994).
- Ketchum NS, Michalek JE. Postservice mortality of Air Force veterans occupationally exposed to herbicides during the Vietnam War: 20-year follow-up results. *Mil Med* 170(5):406–413(2005).
- Kilburn KH. Neurobehavioral impairment and symptoms associated with aluminum remelting. *Archives of Environmental Health*, 53:325-335 (1998).
- Kimbrough RD. Polychlorinated biphenyls(PCBs) and human health: an update. *Crit Rev Toxicol*, 25: 133-163(1995).
- Kimmig J, Schulz KH. Chlorinated aromatic cyclic ethers as the cause of so-called chloracne. *Naturwissenschaften*, 44:337-338(1957a).
- Kimmig J, Schulz KH. Occupational acne due to chlorinated aromatic cyclic esters. *Dermatologica*, 115:540(1957b).
- Kim BY, Ikonomou MG, Lee SJ. Concentrations of polybrominated diphenyl ethers, polychlorinated dibenzo-*p*-dioxins and dibenzofurans, and polychlorinated biphenyls in human blood samples from Korea. *Sci Total Environ*, 336:45-56(2005).
- Kim CY, Watanabe C, Kasanuma Y, Satoh H. Inhibition of  $\gamma$ -glutamyltranspeptidase decreases renal deposition of mercury after mercury vapor exposure. *Arch Toxicol*, 69:722-724(1995).
- Kiyohara C, Hirohata T, Inutsuka S. The relationship between aryl hydrocarbon hydroxylase and polymorphisms of the CYP1A1 gene. *Jpn J Cancer Res*, 87: 18-24(1996).
- Klawans HL. Dystonia and tremor following exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. *Movement Disorders*, 2(4):255-61(1987).
- Kociba RJ, Keyes DG, Beyer JE, et al. Results of a two-year chronic toxicity and oncogenicity study of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in rats. *Toxicol Appl Pharmacol*, 46:279-303(1978).
- Kociba RJ, Keyes DG, Beyer JE, Carreon RM, Gehring PJ. Long-term toxicology studies of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) in

- laboratory animals. *Ann NY Acad Sci*, 320:397-404(1979).
- Konoplev A, Chaschin VP, Chernik GV. Persistent organic pollutants(POPs) in blood of indigenous people from Russian Arctic. In'2004: 24<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Berlin, 6-10 September 2004; *Organohalogen Compounds*, 356: 1516-1518(2004).
- Kopf PG, Huwe JK, Walker MK. Hypertension, cardiac hypertrophy, and impaired vascular relaxation induced by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin are associated with increased superoxide. *Cardiovasc Toxicol*, 8:181-193(2008).
- Kuasik NP, Sine HE, Volosin MT. Rapid analysis for total mercury in urine and plasma by flameless atomic absorption analysis. *Clin Chem*, 18:1326-1328(1972).
- Kuratsune M, Yoshimura H, Matsuzaka J, Yamaguchi A. Yusho, a poisoning caused by rice oil contaminated with polychlorinated biphenyls. *Hsmha Health Reports*, 86: 1083-1091(1971).
- Kuratsune M. 1989. Yusho, with reference to Yu-Cheng. in *Halogenated Biphenyls, Terphenyls, Naphthalenes, Dibenzodioxins and Related Products*, Kimbrough RD, and Jensen AA, eds., Elsevier, Amsterdam, 381-400.
- Kuratsune M, Yoshimura H, Hori Y, Okumura M, Masuda Y. 1996. YUSHO: A human disaster caused by PCBs and related compounds. In: *Survival of patients* (Ikeda M, Yoshimura T, eds) Kyushu University Press. 317-323. Kyushu University press.
- Kuroiwa Y, Murai Y, Santa T. Neurological and nerve conduction velocity studies on 23 patients with chlorobiphenyls poisoning, *Fukuoka Acta Med* 60: 462-463(1969).
- Kutsuna, M., editor. 1968: *Minamata disease: study group of Minamata disease*. Kumamoto University, Japan, 1-4(1968).
- Lan CF, Chen PH, Shieh LL, Chen YH. An epidemiological study on polychlorinated biphenyls poisoning in Taichung area. *Clin Med (Taipei)* 7:96-100(1981).

- Lee CC, Yao YJ, Chen HL, Guo YL, Su HJ, Fatty Liver and Hepatic Function for Residents with Markedly High Serum PCDD/Fs Levels In Taiwan, *J. Toxicology and Environmental Health, Part A* 69:367-380(2006).
- Lee DH, Lee IK, Song K, Steffes M, Toscano W, Baker BA, Jacobs DR Jr. A strong dose-response relation between serum concentrations of persistent organic pollutants and diabetes: results from the National Health and Examination Survey 1999-2002. *Diabetes Care* 29:1638-1644(2006).
- Lee DH, Lee IK, Porta M, Steffes M, Jacobs DR Jr. 2007. Relationship between serum concentrations of persistent organic pollutants and the prevalence of metabolic syndrome among non-diabetic adults: results from the National Health and Nutrition Examination Survey 1999-2002. *Diabetologia* 50:1841-1851.
- Lee DH, Lee IK, Jin SH, Steffes M, Jacobs DR Jr. 2007. Association between serum concentrations of persistent organic pollutants and insulin resistance among nondiabetic adults: results from the National Health and Nutrition Examination Survey 1999-2002. *Diabetes Care* 30:622-628.
- Lind PM, Orberg J, Edlund UB, Sjöblom L, Lind L. The dioxin-like pollutant PCB 126 (3,3',4,4',5-pentachlorobiphenyl) affects risk factors for cardiovascular disease in female rats. *Toxicol Lett*, 150:293-299(2004).
- Liu HC, Teng EL, Guo NW, et al. Performance on a dementia screen test in relation to demographic variables: A study of 5,297 community residents in Taiwan. *Arch Neurol*, 51: 910-915(1994).
- Liu CK, Lai CL, Tai CT, et al. Incidence and subtypes of dementia in southern Taiwan: Impact of socio-demographic factors. *Neurology*, 50:1572-1579(1998).
- Longnecker MP, Michalek JE. Serum dioxin level in relation to diabetes mellitus among Air Force veterans with background levels of exposure. *Epidemiology*, 11:44-48(2000).
- Lund AK, Peterson SL, Timmins GS, Walker MK. Endothelin-1-mediated increase in reactive oxygen species and NADPH oxidase activity in hearts of aryl hydrocarbon receptor (AhR) null mice. *Toxicol Sci*,



- 88:265-273(2005).
- Lundgren KD and Swensson A. Occupational poisoning by alkyl mercury compounds. *Journal of Industrial Hygiene and Toxicology*, 45, 2017-2024(1949).
- Lü YC, Wong PN. 1984. Dermatological, medical, and laboratory findings of patients in Taiwan and their treatments. *Am J Ind Med* 5: 81-115.
- Lü YC, Wu YC. 1985. Clinical findings and immunological abnormalities in Yu-Cheng patients. *Environ Health Perspect* 59: 17-29.
- Magos L and Bulter WH. Cumulative effects of methylmercury dicyandiamide given orally to rats. *Food and Chemical Toxicology*, 10: 513-517(1972).
- Magos L, Brown AW, Sparrow S, et al. The comparative toxicology of ethyl and methylmercury. *Archives of Toxicology*, 57: 260-267(1985).
- Martin JV. Lipid abnormalities in workers exposed to dioxin. *BrJ Ind Med*, 41:254-256(1984).
- Matsueda T, Iida T, Hirakawa H, Nagayama J. Correlation of concentrations of PCDDs, PCDFs and non-ortho coplanar PCBs in human samples. In: Dixixn'99: 19<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Venice, Italy, 12-17 September Organohalogen Compounds, 44: 185-188(1999).
- Mato Y, Suzuki N, Kadokami K. Human exposure to PCDDs, PCDFs, and dioxin like PCBs in Japan,2001. In'2004: 24<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Berlin, 6-10 September Organohalogen Compounds, 66: 2457-2463(2004).
- Masugda Yoshito, Haraguchi K, Kono Suminori. Concentrations of dioxins and related compounds in the blood of Fukuoka residents. *Chemosphere*, 58: 329-344(2005).
- McKeown-Eyssen, G.E., Ruedy, J. and Neims, A. Methylmercury exposure in northern Quebec: II. Neurologic findings in children. *American Journal of Epidemiology*, 118: 470-479(1983).
- Michalek JE, Ketchum NS, Longnecker MP. Serum dioxin and hepatic abnormalities in veterans of Operation Ranch Hand. *Annals of*

- Epidemiology, 11: 304-311(2001).
- Michael G. Case of mercury exposure, bioavailability, and absorption. *Ecotoxicology and Environmental Safety*, 56:174-179(2003).
- Miller CT, Zawidska Z, Nagy E, Charbneau SM Indicators of genetic toxicity in leukocytes and granulocytic precursors after chronic methylmercury ingestion by cats. *Bulletin of Environmental Contaminated Toxicology*, 21: 296-303(1979).
- Miller DM, Woods JS. Redox activities of mercury-thiol complexes: implications for mercury-induced porphyria and toxicity. *Chemico-Biological Interactions*, 88: 23-35(1993).
- Miller DM. Urinary porphyrins as biological indicators of oxidative stress in the kidney. Interaction of mercury and cephaloridine. *Biochemical Pharmacology*, 46:2235-2241(1993).
- Mitsumori K, Hirano M, Ueda H, et al. Chronic toxicity and carcinogenicity of methylmercury chloride in B6C3F1 mice. *Fundamentals of Applied Toxicology*, 14: 179-190(1990).
- Miyakawa, T., Murayama, E., Sumiyoshi, S., et al. Late changes in human sural nerves in Minamata disease and in nerves of rats with experimental organic mercury poisoning. *Acta Neuropathology (Berlin)*, 35: 131-138(1976).
- Moon CS, Chang YS, Kim BH. Evaluation of serum dioxin congeners among residents near continuously burning municipal solid waste incinerators in Korea. *Int Arch Occup Environ Health*, 78:205-210(2005).
- Morita M, Nakagawa J, Rappe C. Polychlorinated dibenzofuran (PCDF) formation from PCB mixture by heat and oxygen. *Bull Environ Contam Toxicol* 19: 665-670(1978).
- Moses M, Lilis R, Crow KD, et al. Health status of workers with past exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in the manufacture of 2,4,5-trichlorophenoxyacetic acid. Comparison of findings with and without chloracne. *American Journal of Industrial Medicine*, 5:161-182(1984).
- Moszczyński, P., S. Slowinski, J. Rutkowski, S. Bem, and D. Jakus-Stoga. Lymphocytes, T and NK cells, in men occupationally exposed to mercury

- vapours. *Int. Journal of Occupational Medicine and Environmental Health*, 8: 49-56(1995).
- Nagayama J, Kruatsune M, Masuda Y. Determination of chlorinated dibenzofurans in Kanechlors and "Yusho oil". *Bull Environ Contam Toxicol*, 15: 9-13(1976).
- Nagi NA, Yassin AK. Organic mercury poisoning in children. *Journal of Tropical Medicine and Hygiene*, 77: 128-132(1974).
- Nancy F. Neuropsychological and stress evaluation of a residential mercury exposure. *Environmental Health Perspectives*, 107:343-347(1999).
- Nakanishi Y, Tokunaga S, Takayama K, Kuwano K. Cardiac, pulmonary and renal function in Yusho patients. *Journal of Dermatological Science*, Supplement. 1, s33-s38(2005).
- Nascimento, L., Filho, G.L. and Rocha, A.D. Intoxicacao letal por mercurio atraves da ingestao de 'merthiolate'. *Revista do Hospital das Clinicas*, 45: 216-218(1990).
- Neuberger M, Rappe C, Bergek S, et al. Persistent health effects of dioxin contamination in herbicide production. *Environ Res* 81:206-214(1999).
- Nixon DE, Mussmann GV, Moyer TP. Inorganic, organic, and total mercury in blood and urine: cold vapor analysis with automated flow injection sample delivery. *J. Anal Toxicol*, 20:17-22(1996).
- NRC (National Research Council). *Toxicological Effects of Methylmercury*. Washington, DC:National Academy Press(2000).
- O'Carroll, R.E., Masterson, G., Dougall, N., et al. The neuropsychiatric sequelae of mercury poisoning: the mad hatter's disease revisited. *British Journal of Psychiatry*, 167: 95-98(1995).
- Okumura M, Katsuki S. Clinical observation on Yusho (chlorobiphenyls poisoning). *Fukuoka Acta Med* 60: 440-446(1969).
- Okumura M. Course of serum enzyme change in PCB poisoning. *Fukuoka Acta Med*, 63: 396-400(1972).
- Ott MG, Zober A. Cause specific mortality and cancer incidence among employees exposed to 2,3,7,8-TCDD after a 1953 reactor accident. *Occup*

- Environ Med, 53(9):606–612(1996).
- Pam FL, et al. Mercury derived from dental amalgams and neuropsychologic function. *Environmental Health Perspectives*, 111:719-723(2003).
- Papke O, Ball M, Lis A. PCDD/PCDF in humans, follow-up of background data for Germany, 1994. *Chemosphere*, 32: 575-582(1996).
- Papke O, Herrmann Th, .Ball M. PCDD/PCDFs in humans, follow up of background data for Germany, 1996. *Organohalogen Compd*, 33: 530-534(1997).
- Papke O. PCDD/PCDF: human background data for Germany, a 10-year experience. *Environ Health Persp*, 106 (2): 723-731(1998).
- Pelclova D. Fenclova Z. Dlaskova Z, et al. Biochemical, neuropsychological, and neurological abnormalities following 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) exposure. *Archives of Environmental Health*, 56(6):493-500(2001).
- Peper M, Klett M, Frentzel-Beyme R, Heller WD. Neuropsychological effects of chronic exposure to environmental dioxins and furans. *Environ Res*, 60:124-135 (1993).
- Pesatori AC, Zocchetti C, Guercilena S, Consonni D, Turrini D, Bertazzi PA. Dioxin exposure and non-malignant health effects: a mortality study. *Occup Environ Med*, 55:126–131(1998).
- Pfab, R., Muckter, H., Roider, F., et al. Clinical course of severe poisoning with thimerosal. *Clinical Toxicology*, 34: 453-460(1996).
- Phillips DL, Smith AB, Burse VW, Steele GK, Needhan LL, Hannon WH. Half-life of polychlorinated biphenyls in occupationally exposed workers. *Arch Environ Health*, 44: 351-354(1989).
- Phillips C, Lopez-Miranda J, Perez-Jimenez F, McManus R, Roche HM. Genetic and nutrient determinants of the metabolic syndrome. *Curr Opin Cardiol*, 21:185-193(2006).
- Pingree SD, Simmonds PL, Rummel KT, Woods JS. Quantitative evaluation of urinary porphyrins as a measure of kidney mercury content and mercury body burden during prolonged methylmercury .*Toxicological Sciences*;

- 61:234-240(2001).
- Plinio C, Costantino F, Rossella A, Antonio I, Maria GT, Gabriella A, et al. Sub-clinical neurobehavioral abnormalities associated with low level of mercury exposure through fish consumption. *NeuroToxicology*, 24: 617-623(2003).
- Pocchiari F, Silvano V, Zampieri A. Human health effects from accidental release of tetrachlorodibenzo-*p*-dioxin (TCDD) at Seveso, Italy. *Annals of the New York Academy of Sciences*, 77:311-320(1979).
- Poiger H, Schlatter C. Pharmacokinetics of 2,3,7,8-TCDD in man. *Chemosphere*, 15: 1489(1986).
- Popescu, H.I., L. Negru, and I. Lancranfan. Chromosome aberrations induced by occupational exposure to mercury. *Archives of Environmental Health*, 34: 461-463(1979).
- Porta M. Persistent organic pollutants and the burden of diabetes. *Lancet*, 368:558-559(2006).
- Queiroz, M.L., D.C. Dantas. B lymphocytes in mercury-exposed workers. *Immunopharmacol. Immunotoxicol*, 19: 499-510(1997).
- Queiroz, M.L., C. Bincoletto, M.R. Quadros, and E.M. De Capitani. Presence of micronuclei in lymphocytes of mercury exposed workers. *Immunopharmacol. Immunotoxicol*, 21: 141-150(1999).
- Rene BJ Remillard and Nigel J. Bunce .Linking Dioxins to Diabetes: Epidemiology and Biologic Plausibility .*Environmental Health Perspectives*, 110:853-858(2002).
- Revich B, Brodsky E, Sotskov Y. Dioxin exposure and public health in Chapaevsk, Russia. *Chemosphere*, 43: 951-966(2001).
- Revich B, Brodsky E, Sotskov Y. Dioxin in environmental, blood, breast milk, cow milk in Chapaevsk town. In: Dixixn'99: 19<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Venice, Italy, 12-17 September Organohalogen Compounds, 44: 185-188(1999).
- Rene BJ, Remillard and Nigel J. Bunce. Linking Dioxins to Diabetes: Epidemiology and Biologic Plausibility. *Environmental Health Perspectives*,

110:853-858(2002).

Rier SE, Martin DC, Bowman RE, et al. Endometriosis in Rhesus monkeys (*Macaca mulatta*) following chronic exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. *Fund Appl Toxicol* 21:433-441(1993).

Roegner RH, Grubbs WD, Lustik MB, et al. An Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. Serum Dioxin Analysis of 1987 Follow-up Examination Results. NTIS AD A-237-516 through AD A-237-524: San Antonio: Armstrong Laboratory, Brooks Air Force Base(1991).

Rohyans J, Walson PD, Wood GA, et al. Mercury toxicity following merthiolate ear irrigations. *Journal of Pediatrics*, 104: 311-313(1984).

Ross PS, De Swart RL, Addison RF, Van Loveren H, Vos J, Osterhaus A. Contaminant-induced immunotoxicity in harbour seals: wildlife at risk? *Toxicology* 112: 157-169(1996).

Ryan JJ, Dewailly E, Gilman A. Dioxin-Like compoundd in fishing people from the lower north shore of the st. Lawrence river, Quebec, Canada. *Arch Environ Health*, 52(4): 309-316(1997).

Ryan JJ, Mills P. Lipid extraction from blood and biological samples and concentration of dioxin-like compounds. *Chemosphere*, 34(5-7): 999-1009(1997).

Safe S. Polychlorinated biphenyls (PCBs) and polybrominatedbiphenyls(PBBs):Biochemistry toxicology and mechanism ofaction. *CRC Crit Rev in Toxicol*, 13:319-395(1984).

Safe S. Polychlorinated biphenyls (PCBs) and polybrominated bipheSafe S. 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 (1987)

Salonen JT, Seppänen K, Nyysönen K, Korpela H, Kauhanen J, Kantola M, et al. Intake of mercury from fish, lipid peroxidation, and the risk of myocardial infarction and coronary, cardiovascular, and any death in eastern Finnish men. *Circulation*, 91: 645-655(1995).

- Sampaio C, Reis MF, Miguel JP. Levels and trends of PCDD/Fs in human blood and milk of residents in the vicinity of a modern municipal solid waste incinerator near to Lisbon. In: 2004: 24<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Berlin, 6-10 September Organohalogen Compounds, 66: 2813-2817(2004).
- Sastry BV, Janson VE, Clark CP, Owens LK. Cellular toxicity of 2,4,5-trichlorophenoxyacetic acid: formation of 2,4,5-trichlorophenoxyacetylcholine. *Cell Mol Biol*, 43:549-57(1997).
- Smith AH, Lopipero P. Envaluation of the toxicity of dioxins and dioxin-like PCBs: A health risk appraisal for the New Zealand population. ISBN 0-478-09091-9 ME number, 351(2001).
- Schechter A. Dioxins and dibenzofurans in the blood of workers and residents of industrial towns in the Irkutsk Region of Russian Siberia. In: Dioxin'99: 19<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Venice, Italy, 12-17 September Organohalogen Compounds, 44: 243-246(1999a).
- Schechter A, Pavuk M, Amirova DA. Characterization of dioxin exposure in firefighters, residents, and chemical workers in the Irkutsk Region of Russian Siberia. *Chemosphere*, 47: 147-156(2002).
- Schiller CM, Adcock CM, Moore RA, Walden R. Effect of 2,3,7,8-tetrachlorodibenzo-p-dioxin and fasting on body weight and lipid parameters in rats. *Toxicol Appl Pharmacol*, 81:356-361(1985).
- Schwenk M, Gabrio T, Papke O, Wallenhorst T. Human biomonitoring of polychlorinated biphenyls and polychlorinated dibenzodioxins and dibenzofuranes in teachers working in a PCB-contaminated school. *Chemosphere*, 47: 229-233(2002).
- Schaeffner ES, Kurth T, Curhan GC, Glynn RJ, Rexrode KM, Baigent C, Buring JE, Gaziano JM. Cholesterol and the risk of renal dysfunction in apparently healthy men. *J Am Soc Nephrol*, 14(8):2084-2091(2003).
- Shenker BJ, Guo TL, Shapiro IM. Induction of apoptosis in human T-cells by methylmercury: temporal relationship between mitochondrial dysfunction

- and loss of reductive reserve. *Toxicol Appl Pharmacol*, 157:23-35(1999).
- Shigenaga K. Pancreatic islet injury induced by methyl mercuric chloride light and electron microscopic studies. *Kumamoto Med J*, 29:67-81(1976).
- Shin D, Yang J, Park S, Jang Y. PCDDs, PCDFs in the blood of workers and residents of industrial area in Korea, In: *Dioxin'2000: 20<sup>th</sup> International Symposium on Halogenated Environmental Organic Polletants and Persistent organic Pollutants(POPs)*, Monterey, California, USA, 13-17 August; *Organohalogen Compounds*, 48: 331-334(2000).
- Singh V, Joshi D, Shrivastava S, Shukla S. Effect of monothiol along with antioxidant against mercury-induced oxidative stress in rat. *Indian Journal of Experimental Biology*, 45:1037-1044(2007).
- Skerfving S, K. Hansson, J. Lindsten. Chromosome breakage in bumans exposed to methylmercury through fish consumption. *Archives of Environmental Health*, 21: 133-139(1970).
- Skerfving, S. and Vostel, J. Symptoms and signs of intoxication. In Friberg, L. and Vostal, J., editors, *Mercury in the environment*. Cleveland, OH: CRC Press, 3-107(1972).
- Skerfving S, K. Hansson, C. Mangs, J. Lindsten, and N. Ryman. Methylmercury-induced chromosome damage in man. *Environmental Research*, 7: 83-98(1974).
- Solecki R, Hothorn L, Holzweissig M. et al. Computerized analysis of pathological findings in long-term trials with phenylmercuric acetate in rats. *Archives of Toxicology Suppl*, 14: 100-103(1991).
- Staessen JA, Eoin OB. A plea for harmonizing guidelines. *International Journal of cardiology*, 79: 129-132(2001).
- Steenland K, Piacitelli L, Deddens J, Fingerhut M, Chang LI. Cancer, Heart Disease, and Diabetes in Workers Exposed to 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin, *J Natl Cancer Inst*, 91(9):779-786(1999).
- Steenland K, Deddens J, Piacitelli L. Risk assessment for 2,3,7,8-tetra-chlorodibenzo-*p*-dioxin (TCDD) based on an epidemiologic study. *Am J*



- Epidemiol 154:451–458. erratum: Am J Epidemiol 155:189(2002).
- Suneja T, Belsito DV. Thimerosal in the detection of clinically relevant allergic contact reactions. *Journal of the American Academy of Dermatology*, 45: 27(2001).
- Suskind R, Cholak J, Schater LJ, Yeager D. Reports on clinical and environmental surveys at Monsanto Chemical Co., Nitro, West Virginia, 1953. Cincinnati, OH, Department of Environmental Health, University of Cincinnati (unpublished)(1953).
- Suskind RR, Hertzberg VS. Human health effects of 2,4,5-T and its toxic contaminants. *JAMA*, 251:2372-2380(1984).
- Sweeney MH, Hornung RW, Wall DK, Fingerhut MA, Halperin WE. Prevalence of diabetes and elevated serum glucose levels in workers exposed to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD). *Organohalogen Compounds*, 10:225-226(1992).
- Sweeney MH, Fingerhut MA, Arezzo JC, Hornung RW, Connally LB. Peripheral neuropathy after occupational exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD). *American Journal of Industrial Medicine*, 23: 845-858(1993).
- Takeuchi T, Eto K. Pathology and pathogenesis of Minamata disease. In *Minamata Diseases—Methyl Mercury Poisoning in Minamata and Niigata, Japan* (Tsubaki, T., and Irukayama, K., Eds.):103-141(1997).
- Tamashiro, H., Agaki, H., Arakaki, M., et al. Causes of death in Minamata disease: analysis of death certificates. *International Archives of Occupational and Environmental Health*, 54: 135-146(1984).
- Taylor, W., Guirgis, H.A. and Stewart, W.K. Investigation of a population exposed to organomercurial seed dressing. *Archives of Environmental Health*, 19: 505-509(1969).
- Thackaberry EA, Nunez BA, Ivnitski-Steele ID, Friggins M, Walker MK. Effect of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin on murine heart development: alteration in fetal and postnatal cardiac growth, and postnatal cardiac chronotropy. *Toxicol Sci* 88:242-249(2005).

- Theobald HM, Peterso RE. Developmental and reproductive toxicity of dioxins and other Ah receptor n - Dioxins and Health. Plenum Press, New York, 1994
- Todaka T, Hirakawa H, Hori T. Improvement in dioxin analysis of human blood and their concentrations in blood of Yusho patients. J Dermatol, Sci 1:S21-S28(2005).
- Thomas W. Clarkson. The three modern faces of mercury. Environmental Health Perspectives, 110:11-23(2002).
- Thomke F, Jung D, Besser R, et al. Cranial nerve function in workers exposed to polychlorinated dioxins and furans. Acta Neurologica Scandinavica, 106(3):155-8(2002).
- Thomke F, Jung D, Besser R, et al. Increased risk of sensory neuropathy in workers with chloracne after exposure to 2,3,7,8-polychlorinated dioxins and furans. Acta Neurologica Scandinavica, 100(1):1-5(1999).
- Torres JLC, De Corres F. Anaphylactic hypersensitivity to mercurochrome (merbrominum). Annals of Allergy, 54: 230-232(1985).
- Tsukino H, Hanaoka T, Sasaki H. Association between serum levels of selected organochlorine compounds and endometriosis in infertile Japanese women. Environ Res, 99:118-125(2005).
- Tsubaki, T. and Takahashi, H. Recent advances in Minamata disease studies. Tokyo, Japan: Kodansha, Ltd(1986).
- U.S.EPA. Health Assessment Document for 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) and Related Compounds”, EPA/600/Bp-92/001c Estimating Exposure to Dioxin-Like Compounds, EPA/600/6-88/005Cb, Office of Research and Development, Washington, DC(1994).
- U.S.EPA. Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) and Related Compounds. Part III. Integrated Summary and Risk Characterization for 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) and Related Compounds. September 2000 SAB Review Draft. EPA/600/P-00/001Bg. Washington, DC:U.S. Environmental Protection Agency(2000).

- Yu ML, Guo YL, Hsu CC, Rogan WJ. Increased mortality from chronic liver disease and cirrhosis 13 years after the Taiwan "yucheng" ("oil disease" incident). *Am J Ind Med* 31: 172-175(1997).
- Vena J, Boffetta P, Becher H, Benn T, Bueno-de-Mesquita HB, Coggon D, et al. Exposure to dioxin and nonneoplastic mortality in the expanded IARC international cohort study of phenoxy herbicide and chlorophenol production workers and sprayers. *Environ Health Perspect*, 106(suppl 2):645-653(1998).
- Verschaeve, L., M. Kirsch-Volders, C. Susanne, et al. Genetic damage induced by occupational low mercury exposure. *Environmental Research*, 12: 306-316(1976).
- Verschuuren, H.G., Kroes, R., Den Tonkelaar, E.M., et al. Toxicity of methylmercury chloride in rats. III. Long-term toxicity study. *Toxicology*, 6: 107-123(1976).
- Voogt PDE, Brinkman UAT. Production properties and usage of polychlorinated biphenyls. In: Kimbrough RD and Jensen AA, eds. Halogenated biphenyls, terphenyls, naphthalenes, dibenzodioxins and related Products. Elsevier, Amsterdam, 3-45(1989).
- Wang SL, Tsai PC, Yang CY, Leon Guo Y. Increased risk of diabetes and polychlorinated biphenyls and dioxins: a 24-year follow-up study of the Yucheng cohort. *Diabetes Care* 31:1574-1579(2008).
- Wang W, Clarkson TW, Ballatori N.  $\gamma$ -Glutamyl transpeptidase and L-cysteine regulate methylmercury uptake by HepG2 cells, a human hepatoma cell line. *Toxicology and Applied Pharmacology*, 168:72-78 (2000).
- Watanabe S, Iida T, Ohtaki M, Hosseinpour J. Health effects of low dose exposure of polychlorinated dibenzo-*p*-dioxins, dibenzofurans and coplanar PCB among Japanese residents, In: Dioxin'2002: 22<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and Persistent organic Pollutants (POPs), BARCELONA, Spanish, 13-17 August; *Organohalogen Compounds*, 59: 335-338(2002).
- Webb KB, Ayres SM, Mikes J, Evans RG. The diagnosis of dioxin-associated

- illness. *Am J Prev Med*, 2:103-108(1986).
- Wheatley B, Wheatley MA. Methylmercury and the health of indigenous peoples: a risk management challenge for physical and social sciences and for public health policy. *Science of the Total Environment*;259(1-3):23-29(2000).
- Wheatley B, Paradis S. Balancing human exposure, risk and reality: questions raised by the Canadian aboriginal methylmercury program. *Neurotoxicology* ;17(1):241-249(1996).
- Wheatley B, Barbeau A, Clarkson TW, Lapham LW. Methylmercury poisoning in Canadian Indians--the elusive diagnosis. *Canadian Journal of Neurological Sciences* ;6(4):417-422(1979).
- Wilson, L.A., McNatt, J. and Reitschel, R. Delayed hypersensitivity to thimerosal in soft contact lens wearers. *Ophthalmology*, 88: 804-809(1981).
- Wolfe WH, Michalek JE, Miner JC, Needham L, Patterson D. Diabetes versus dioxin body burden in veterans of Operation Ranch Hand. *Organohalogen Compounds*, 10:279-282(1992).
- Wong KC, Hwang MY. Children born to PCB poisoning mothers. *Clin Med (Taipei)*, 7: 83(1981).
- Wouwe NV, Covaci A, Kannan K. Levels of contamination for various pollutants present in Belgian human plasma. In'2004: 24<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Berlin, 6-10 September *Organohalogen Compounds*, 66: 2818-2824(2004).
- Wulf HC, N. Kromann, N. Kousgaard, et al. Sister chromatid exchange (SCE) in Greenlandic Eskimos. Dose-response relationship between SCE and seal diet, smoking, and blood cadmium and mercury concentrations. *Science of Total Environment*, 48: 81-94(1986).
- Xie A, Walker NJ, Wang D. Dioxin (2,3,7,8-tetrachlorodibenzo-p-dioxin) enhances triggered afterdepolarizations in rat ventricular myocytes. *Cardiovasc Toxicol*, 6(2):99-110(2006).
- Yang J, Lim Y, Chang Y. Serum PCDDs/Fs Levels for the residents living in the vicinity and workers of the Municipal Incinerators in Seoul, Korea. In'2004:

- 24<sup>th</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs, Berlin, 6-10 September 2004; Organohalogen Compounds, 66: 2602-2608(2004).
- Yasutake A, Adachi T, Suda I, et al. Effect of Feoverload on the biotransformation of methylmercury in rat. Japanese Journal of Toxicology and Environmental Health, 39: 106-113(1991).
- Yoshimura T, Nakano J, Okita M. Complete blood cell counts and blood chemistry in Yusho. J Dermatol, Sci 1:S45-S55(2005).
- Zalups RK, Lash LH. Advances in understanding the renal transport and toxicity of mercury. Journal of Toxicology and Environmental Health, 42: 1-44(1994).
- Zhang J. Clinical observations in ethyl mercury chloride poisoning. American Journal of Industrial Medicine, 5: 251-258(1984).
- Zober A, Ott MG, Messerer P. Morbidity followup study of BASF employees exposed to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) after a 1953 chemical reactor incident. Occup Environ Med, 51:479-486(1994).
- 行政院環境保護署. 民國八十九年專案計畫. 『木柵、新店及桃南垃圾焚化爐附近居民血液中戴奧辛濃度資料之建立專案工作計畫』。
- 行政院環境保護署. 民國八十九年專案計畫. 『樹林垃圾焚化爐附近居民血液中戴奧辛濃度資料之建立專案工作計畫』。
- 行政院環境保護署. 民國九十年專案計畫. 『台北縣八里、彰化縣溪州、嘉義縣鹿草、高雄縣岡山及屏東縣崁頂、台北市內湖、台北市北投及台南市城西等八座垃圾焚化廠附近居民血液中戴奧辛濃度資料之建立專案工作計畫』。
- 行政院環境保護署. 民國九十年專案計畫. 『台南市安順廠區戴奧辛污染調查報告』。
- 行政院環境保護署. 民國九十年專案計畫. 『台南市安順廠區戴奧辛污染補充調查報告』。
- 行政院環境保護署. 民國九十年專案計畫. 『建立台灣地區戴奧辛排放清

- 冊及排放資料庫計畫』。
- 行政院環境保護署. 民國九十三年專案計畫. 『台南市中石化安順廠整治場址土壤及地下水污染範圍調查及整治工作建議計畫』。
- 行政院環境保護署. 民國九十四年專案計畫. 『台南市安順廠區整治場址及地下水污染範圍調查及整治報告』。
- 行政院衛生署國民健康局. 民國九十二年. 『台南市中石化安順廠附近居民流行病學及健康照護研究』。
- 行政院衛生署國民健康局. 民國九十四年. 『台南市中石化安順廠附近居民汞污染暴露評估及健康影響調查研究』。
- 行政院衛生署國民健康局. 民國九十年. 『國民健康訪問調查』。
- 行政院衛生署國民健康局. 民國九十一年. 『台灣地區高血壓、高血糖、高血脂盛行率調查』。
- 行政院衛生署. 民國九十年專案計畫. 『人體血液中戴奧辛背景值調查計畫』。
- 環保署環境檢驗所. 『頭前溪、朴子溪水質、底泥及魚貝類累積毒監測分析及研究』, 環檢所雙月刊第二十六期, 1999年九月
- 行政院衛生署. 民國九十年專案計畫. 『人體血液中戴奧辛背景值調查計畫』。
- 台南縣環境保護局. 民國九十年專案計畫. 『九十年度台南縣轄區大氣及環境戴奧辛/呋喃化合物調查研究』。
- 中央研究院近代史研究所檔案館, 台灣鹼業公司民國四十五年度工作報告。
- 中石化/台全公司, 1999, 台南市安順廠區汞及五氯酚污染調查
- 呂世宗, 1980, 鹼氣工廠環境汞污染之調查研究, 工業污染防治報告
- 李錦地, 1980, 毒性污染物使用量及殘餘量調查, 台灣省水污染防治所報告
- 謝柏滄, 多氯聯苯污染的探討, 科學月刊第 124 期, 1980 年 4 月。

葛應欽、饒連財、許書刀等，1981:”多氯聯苯在中毒患者之血中濃度”，台灣醫誌，80:774-779。

林志森，1985，鹼氯工廠水銀污染防治，工業污染防治報告

許菁芳，油症患者血液中多氯聯苯、多氯戴奧辛、多氯呋喃同源物濃度與肝功能異常之相關性研究，國立成功大學，2000年7月。

黃煥彰，2002，失落的記憶-台鹼安順廠的污染・看守台灣，4(2)，80-87

陳瑩山，2007，什麼是「糖尿病白內障」？，健康世界，261，44-46