

Personal communications

- Berner, J., 2001. Alaska Native Tribal Health Consortium, Alaska, United States.
- Bjerregaard, P., 2001. National Institute of Public Health, Copenhagen, Denmark.
- Bonefeld-Jørgensen, E., 2001, 2002. Department of Environmental and Occupational Medicine, University of Aarhus, Denmark.
- Dewailly, É., 2001. National Institute of Public Health, Laval University, Quebec, Canada.
- Deutch, B., 2001. Department of Environmental and Occupational Medicine, Aarhus University, Denmark.
- Hansen, J.C., 2001. Department of Environmental and Occupational Medicine, Aarhus University, Denmark.
- Klopov, V., 2001, 2002. Regional Centre 'Monitoring of the Arctic', St. Petersburg, Russia.
- Middaugh, J., 2001. Section of Epidemiology, State of Alaska.
- Muckle, G., 2000. Department of Social and Preventive Medicine, Laval University and Public Health Research Unit, CHUQ Research Centre (CHUL), Beauport, Quebec.
- Mussalo, H., 2002. State Provincial Office of Lapland, Rovaniemi, Finland.
- Odland, J.Ø., 2000. Tromsø Universitet, Institute of Community Medicine, Tromsø, Norway.
- Olafsdottir, K., 2001. Department of Pharmacology and Toxicology, University of Iceland, Reykjavik, Iceland.
- Prinz, S., 2001. Behavioral Health Consultant, Alaska Native Tribal Health Consortium.
- Soininen, L., 2001. State Provincial Office of Lapland, Rovaniemi, Finland.
- Weber, J.-P., 2002. L'institute nationale de sante publique du Quebec, Sainte-Foy, QC, Canada.
- Weihe, P., 2001, 2002. Department of Occupational and Public Health, Tórshavn, Faroe Islands.
- Vlasov, S., 2001. Regional Centre 'Monitoring of the Arctic', St. Petersburg, Russia.

References

- Aarkrog, A., P. Aastrup, G. Asmund, P. Bjerregaard, D. Boertmann, L. Carlsen, J. Christensen, M. Cleemann, R. Dietz, A. Fromberg, E. Storr-Hansen, N.Z. Heidam, P. Johansen, H. Larsen, G.B. Paulsen, H. Petersen, K. Pilegaard, M.E. Poulsen, G. Pritzl, F. Riget, H. Skov, H. Spliid, P. Weihe and P. Wählin, 1997. Environmental Project No. 356, 1997. Ministry of Environment and Energy, Danish Environmental Protection Agency, Copenhagen. 792 pp.
- Ada, G.L., 1993. Vaccines. *In: Fundamental Immunology*. 3rd ed. pp. 1309–1352. New York, Raven Press, Ltd.
- Adami, H.O., R. Bergstrom, M. Mohnner, W. Zatonski, H. Storm, A. Ekblom, S. Tretli, L. Teppo, H. Ziegler, M. Rahu, R. Gurevicius and A. Stengrevics, 1994. Testicular cancer in nine northern European countries. *International Journal of Cancer*, 59:33–38.
- Ahlborg, Jr. G., C. Hogstedt, L. Bodin and S. Barany, 1989. Pregnancy outcome among working women. *Scandinavian Journal of Work Environment & Health*, 15:227–233.
- Alcock, R.E. and K.C. Jones, 1996. Dioxins in the environment: A review of trend data. *Environmental Science & Technology*, 30: 3133–3143.
- Alekseeva, N.V., A.L. Molokov and T.I. Astakhova, 1998. New approaches to smoking prevention in the north. *International Journal of Circumpolar Health*, 57:489–492.
- AMAP, 1997. Arctic Pollution Issues: A State of the Arctic Environment Report. Arctic Monitoring and Assessment Programme, Oslo, Norway, xii+188 pp.
- AMAP, 1998. Hansen J.C., A. Gilman, V. Klopov, and J.O. Odland (eds.) Pollution and Human Health. *In: AMAP Assessment Report: Arctic Pollution Issues*, pp. 775–844. Arctic Monitoring and Assessment Programme, Oslo, Norway.
- AMAP, 1999. AMAP Trends and Effects Programme: 1998–2003. AMAP Report 99:7. Arctic Monitoring and Assessment Programme, Oslo, Norway.
- AMAP, 2000. AMAP Report on Issues of Concern: Updated Information on Human Health, Persistent Organic Pollutants, Radioactivity, and Mercury in the Arctic. AMAP Report 2000:4. Arctic Monitoring and Assessment Programme, Oslo, Norway, 69 pp.
- AMAP, 2003a. AMAP Assessment 2002: Radioactivity in the Arctic. Arctic Monitoring and Assessment Programme, Oslo, Norway.
- AMAP, 2003b. AMAP Assessment 2002: Heavy Metals in the Arctic. Arctic Monitoring and Assessment Programme, Oslo, Norway.
- AMAP, 2003c. AMAP Assessment 2002: Persistent Organic Pollutants in the Arctic. Arctic Monitoring and Assessment Programme, Oslo, Norway.
- AMAP, 2003d. AMAP Assessment 2002: The Influence of Global Change on Arctic Contaminant Pathways. Arctic Monitoring and Assessment Programme, Oslo, Norway.
- Ames, G.M. and L.A. Rebhun, 1996. Women, alcohol and work: interactions of gender, ethnicity and occupational culture. *Social Science and Medicine*, 43:1649–1663.
- Amin-Zaki, L., S. Alhassani, M. Majeed, T.W. Clarkson, R. Doherty and M. Greenwood, 1976. Perinatal methylmercury poisoning in Iraq. *American Journal of Diseases of Children*, 130: 1070–1076.
- Andersen, L.F., K. Solvoli, L.R.K. Johansson, I. Salminen, A. Aro and C.A. Drevon, 1999. Evaluation of a food frequency questionnaire with weighed records, fatty acids and alpha-tocopherol in adipose tissue and serum. *American Journal of Epidemiology*, 150:75–87.
- Andersen, S., B. Hvingel, K. Kleinschmidt, T. Jørgensen and P. Lauberg, 2000. Jodindtagelse blandt ældre i vest- og øst Grønland. Proceedings from Nuna Med 2000 conference, pp. 61–63.
- Andersen, H.R., A.M. Vinggaard, T.H. Rasmussen, I.M. Gjermandsen and E.C. Bonefeld-Jørgensen, 2002. Effects of currently used pesticides in assays for estrogenicity, androgenicity and aromatase activity *in vitro*. *Toxicology and Applied Pharmacology* 179(1):1–12.
- Angerer, J., C. Mannschreck and J. Gundel, 1997. Biological monitoring and biochemical effect monitoring of exposure to polycyclic aromatic hydrocarbons. *International Archives of Occupational and Environmental Health*, 70:365–377.
- Arnold, S.F., D.M. Klotz, B.M. Collins, P.M. Vonier, L.J. Guillet and J.A. McLachlan, 1996. Synergistic activation of estrogen receptor with combinations of environmental chemicals. *Science*, 272:1489–1492.
- Arnold, S.F., J.M. Bergeron, D.Q. Tran, B.M. Collins, P.M. Vonier, D. Crews, W.A. Toscano and J.A. McLachlan, 1997a. Synergistic responses of steroidal estrogens *in vitro* (yeast) and *in vivo* (turtles). *Biochemical and Biophysical Research Communications*, 235:336–342.
- Arnold, S.F., P.M. Vonier, B.M. Collins, D.M. Klotz, L.J. Guillet Jr. and J.A. McLachlan, 1997b. *In vitro* synergistic interaction of alligator and human estrogen receptors with combinations of environmental chemicals. *Environmental Health Perspectives*, 105(3):615–618.
- Asplund, L., B.G. Svensson, A. Nilsson, U. Eriksson, B. Jansson, S. Jensen, U. Wideqvist and S. Skerfving, 1994. Polychlorinated biphenyls, 1,1,1-trichloro-2,2-bis(*p*-chlorophenyl)ethane (*p,p'*-DDT) and 1,1-dichloro-2,2-bis(*p*-chlorophenyl)-ethylene (*p,p'*-DDE) in human plasma related to fish consumption. *Archives of Environmental Health*, 49:477–486.
- ATSDR, 1994. Toxicological profile for alpha-, beta-, gamma- and delta- hexachlorocyclohexane. U.S. Department of Health and Human Services, Public Health Service Agency for Toxic Substances and Disease Registry, Washington DC.
- ATSDR, 1995. Toxicological profile for polyaromatic hydrocar-

- bons. U.S. Department of Health and Human Services, Public Health Service Agency for Toxic Substances and Disease Registry, Washington DC.
- ATSDR, 1996. Toxicological profile for selenium. U.S. Department of Health and Human Services, Public Health Service, Atlanta.
- ATSDR, 1999a. Toxicological profile for pentachlorophenol (Draft). U.S. Department of Health and Human Services, Public Health Service Agency for Toxic Substances and Disease Registry, Washington DC.
- ATSDR, 1999b. Toxicological profile for cadmium. U.S. Department of Health and Human Services, Public Health Service Agency for Toxic Substances and Disease Registry, Washington DC.
- ATSDR, 1999c. Toxicological profile for mercury. U.S. Department of Health and Human Services, Public Health Service Agency for Toxic Substances and Disease Registry, Washington DC.
- ATSDR, 2000a. Toxicological profile for endosulfan. U.S. Department of Health and Human Services, Public Health Service Agency for Toxic Substances and Disease Registry, Washington DC.
- ATSDR, 2000b. Toxicological profile for arsenic. U.S. Department of Health and Human Services, Public Health Service Agency for Toxic Substances and Disease Registry, Washington DC.
- Auger, J., J.M. Kunstmann, F. Czyglik and P. Jouannet, 1995. Decline in semen quality among fertile men in Paris during the past 20 years. *New England Journal of Medicine*, 332:281–285.
- Autrup, H., 2000. Genetic polymorphisms in human xenobiotic metabolizing enzymes as susceptibility factors in toxic response. *Mutation Research*, 464:65–76.
- Axmon, A., L. Rylander, U. Stromberg and L. Hagmar, 2000. Time to pregnancy and infertility among women with a high intake of fish contaminated with persistent organochlorine compounds. *Scandinavian Journal of Work Environment & Health*, 26: 199–206.
- Axtell, C.D., C. Cox, G.J. Myers, P.W. Davidson, A.L. Choi, E. Cernichiari, J. Sloane-Reeves, C.F. Shamlay and T.W. Clarkson, 2000. Association between methylmercury exposure from fish consumption and child development at five and a half years of age in the Seychelles Child Development Study: an evaluation of nonlinear relationships. *Environmental Research*, 84:71–80.
- Ayotte, P., S. Giroux, E. Dewailly, M. Hernandez Avila, P. Farias, R. Danis and C. Villanueva Diaz, 2001. DDT spraying for malaria control and reproductive function in Mexican men. *Epidemiology*, 12:366–367.
- Baaijens, P.A., 1986. Health effect screening and biological monitoring for workers in organotin industries. In: Toxicology and analytics of the tributyltins – the present status. Proceedings of a workshop organized by the Organotin Environmental Programme Association, pp. 191–211, Berlin.
- Bailey, R.E., 2001. Global hexachlorobenzene emissions. *Chemosphere*, 43:167–182.
- Baranowska, I., 1995. Lead and cadmium in human placentas and maternal and neonatal blood (in a heavily polluted area) measured by graphite furnace atomic absorption spectrometry. *Occupational and Environmental Medicine*, 52:229–232.
- Barker, D.J., 1990. Fetal and Infant Origins of Adult Disease. *British Medical Journal*, 301(676):1111.
- Barnes, G.E., 1979. Solvent abuse: A review. *International Journal of Addictions*, 14:1–26.
- Barnett, J.B., L. Barfield, R. Walls, R. Joyner, R. Owens and L.S. Soderberg, 1987. The effect of *in utero* exposure to hexachlorobenzene on the developing immune response of BALB/c mice. *Toxicology Letters*, 39:263–274.
- Barrie, L.A., D.J. Gregor, B.T. Hargrave, R. Lake, D.C.G. Muir, R. Shearer, B. Tracey and T.F. Bidleman, 1992. Arctic contaminants: sources, occurrence and pathways. *Science of the Total Environment*, 122:1–74.
- Beard, J., S. Marshall, K. Jong, R. Newton, T. Triplett-McBride, B. Humphries and R. Bronks, 2000. 1,1,1-trichloro-2,2-bis (*p*-chlorophenyl)-ethane (DDT) and reduced bone mineral density. *Archives of Environmental Health*, 55:177–180.
- Becker, W., 1995. Sociale och regionale faktorer påverkar matvanor och näringsintag. *Vår Föda*, 47:4–12.
- Ben-Jonathan, N. and R. Steinmetz, 1998. Xenooestrogens: The emerging story of Bisphenol A. *Trends in Endocrinology and Metabolism*, 9:124–128.
- Benedetti, J.L., F. Turcotte, M. Lefebvre, F. Therrien and J.P. Weber, 1992. Blood and urinary cadmium levels in Inuit living in Kuujuaq, Canada. *Science of the Total Environment*, 127:167–172.
- Benedetti, J.-L., E. Dewailly, F. Turcotte and M. Lefebvre, 1994. Unusually high blood cadmium associated with cigarette smoking among three subgroups of the general population, Quebec, Canada. *Science of the Total Environment*, 152:161–167.
- Bergman, A., E. Klasson-Wehler and H. Kuroki, 1994. Selective retention of hydroxylated PCB metabolites in blood. *Environmental Health Perspectives*, 102:464–469.
- Berkowitz, G.S., R.H. Lapinski, S.E. Dolgin, J.G. Gazella, C.A. Bodian and I.R. Holzman, 1993. Prevalence and natural history of cryptorchidism. *Pediatrics*, 92:44–49.
- Berman, S., 1991. Epidemiology of acute respiratory infections in children of developing countries. *Review of Infectious Diseases*, 13(6):454–462.
- Bertelsen, A., 1943. Grønlandsk medicinsk statistik og nosografi: Undersøgelser og erfaringer fra 30 Aars grønlandsk lægevirksomhed. Bd. IV: Akutte infektionssygdomme i Grønland. *Meddelelser om Grønland*, 117(4).
- Berti, P.R., O. Receveur, H.M. Chan and H.V. Kuhnlein, 1998. Dietary exposure to chemical contaminants. *Environmental Research*, Section A, 76:131–142.
- Bigsby, R., R.E. Chapin, G.P. Daston, B.J. Davis, J. Gorski, L.E. Gray, K.L. Howdeshell, R.T. Zoeller and F.S. vom Saal, 1999. Evaluating the effects of endocrine disruptors on endocrine function during development. *Environmental Health Perspectives*, 107(4):613–618.
- Birnbaum, L.S., 1995. Developmental effects of dioxins and related endocrine disrupting chemicals. *Toxicology Letters*, 82–83: 743–750.
- Bitman, J. and H.C. Cecil, 1970. Estrogenic activity of DDT analogs and polychlorinated biphenyls. *Journal of Agricultural and Food Chemistry*, 18:1108–1112.
- Bjerregaard, P. and T. Curtis, 2002. Cultural change and mental health in Greenland. *Social Science and Medicine*, 54:33–48.
- Bjerregaard, P. and J.C. Hansen, 1996. Effects of smoking and marine diet on birthweight in Greenland. *Arctic Medical Research*, 55:156–164.
- Bjerregaard, P. and J.C. Hansen, 2000. Organochlorines and heavy metals in pregnant women from the Disco bay area in Greenland. *Science of the Total Environment*, 245:195–202.
- Bjerregaard, P. and T.K. Young, 1998. Health of a population in transition. The Circumpolar Inuit. Munksgaard, Copenhagen. 287 pp.
- Bjerregaard, P., G. Mulvad and H.S. Pedersen, 1997. Cardiovascular risk factors in Inuit of Greenland. *International Journal of Epidemiology*, 26:1182–1190.
- Bjerregaard, P., H.S. Pedersen and G. Mulvad, 2000. The associations of a marine diet with plasma lipids, blood glucose, blood pressure and obesity among the Inuit in Greenland. *European Journal of Clinical Nutrition*, 54:732–737.
- Bjerregaard, P., E. Dewailly, P. Ayotte, T. Pars, L. Ferron and G. Mulvad, 2001. Exposure of Inuit in Greenland to organochlorines through the marine diet. *Journal of Toxicology and Environmental Health*, part A, 62:69–81.
- Bjerve, S.K., L. Thoresen, K. Bonna, T. Vik, H. Johnse and A.M. Brubakk, 1992. Clinical studies with alpha-linolenic acid and long-chain n-3 fatty acids. *Nutrition*, 8(2):130–132.
- Blanchet, C., E. Dewailly, P. Ayotte, S. Bruneau, O. Receveur and B.J. Holub, 2000. Contribution of selected traditional and market foods to the diet of Nunavik Inuit women. *Canadian Journal of Dietetic Practice and Research*, 61:50–59.
- Bloem, M.W., M. Wedel, R.J. Egger, A. J. Speek, J. Schrijver, S. Saowakontha and W.H. Schreurs, 1990. Mild vitamin A deficiency and risk of respiratory tract diseases and diarrhea in pre-school and school children in northeastern Thailand. *American Journal of Epidemiology*, 131:332–339.
- Blok, W.L., M.B. Katan and J.W. van der Meer, 1996. Modulation of inflammation and cytokine production by dietary (n-3) fatty acids. *Journal of Nutrition*, 126:1515–1533.
- Bolger, R., T.E. Wiese, K. Ervin, S. Nestich and W. Checovich, 1998. Rapid screening of environmental chemicals for estrogen receptor binding capacity. *Environmental Health Perspectives*, 106:551–557.
- Bonfeld-Jørgensen, E.C., H. Autrup and J.C. Hansen, 1997. Effect of toxaphene on estrogen receptor functions in human breast cancer cells. *Carcinogenesis*, 18:1651–1654.

- Bonefeld-Jørgensen, E.C., H.R. Andersen, T.H. Rasmussen and A.M. Vinggaard, 2001a. Effect of highly bioaccumulated polychlorinated biphenyl congeners on estrogen and androgen receptor activity. *Toxicology*, 158:141–153.
- Bonefeld-Jørgensen, E.C., S.M. Moller and J.C. Hansen, 2001b. Modulation of atherosclerotic risk factors by seal oil: a preliminary assessment. *International Journal of Circumpolar Health*, 60:25–33.
- Boon, J.P., F. Eijgenraam, J.M. Everaarts and J.C. Duinker, 1989. A structure–activity relationship (SAR) approach towards metabolism of PCBs in marine animals from different trophic levels. *Marine Environmental Research*, 27:159–176.
- Bosma, H., M.P. van Boxtel, R.W. Ponds, P.J. Houx and J. Jolles, 2000. Pesticide exposure and risk of mild cognitive dysfunction. *Lancet*, 356:912–913.
- Boyle, P., P. Maisonneuve and P. Napalkov, 1995. Geographical and temporal patterns of incidence and mortality from prostate cancer. *Urology*, 46:47–55.
- Bradlow, H.L., D.L. Davis, G. Lin, D. Sepkovic and R. Tiwari, 1995. Effects of pesticides on the ratio of 16 alpha/2-hydroxyestosterone: a biologic marker of breast cancer risk. *Environmental Health Perspectives*, 103(7):147–150.
- Brandt, A.M., 1996. Recruiting women smokers: the engineering of consent. *Journal of the American Medical Women's Association*, 51:63–66.
- Breivik, K., A. Sweetman, J.M. Pacyna and K.C. Jones, 2002. Towards a global historical emission inventory for selected PCB congeners – a mass balance approach. 1. Global production and consumption. *Science of the Total Environment*, 290:181–198.
- Bromwich, P., J. Cohen, I. Stewart and A. Walker, 1994. Decline in sperm counts: an artefact of changed reference range of 'normal'? *British Medical Journal*, 309:19–22.
- Brouwer, A., 1991. Role of biotransformation in PCB-induced alterations in vitamin A and thyroid hormone metabolism in laboratory and wildlife species. *Biochemical Society Transactions*, 19:731–737.
- Brouwer, A., D.C. Morse, M.C. Lans, A.G. Schuur, A.J. Murk, E. Klasson-Wehler, A. Bergman and T.J. Visser, 1998. Interactions of persistent environmental organohalogenes with the thyroid hormone system: mechanisms and possible consequences for animal and human health. *Toxicology and Industrial Health*, 14:59–84.
- Brouwer, A., M.P. Longnecker, L.S. Birnbaum, J. Coglian, P. Kostyniak, J. Moore, S. Schantz and G. Winneke, 1999. Characterization of potential endocrine-related health effects at low-dose levels of exposure to PCBs. *Environmental Health Perspectives*, 107(4):639–649.
- Brown, L.M., L.M. Pottner, R.N. Hoover, S.S. Devesa, P. Aselton and J.T. Flannery, 1986. Testicular cancer in the United States: trends in incidence and mortality. *International Journal of Epidemiology*, 15:164–170.
- Brucker-Davis, F., 1998. Effects of environmental synthetic chemicals on thyroid function. *Thyroid*, 8:827–856.
- Buck, G.M., L.E. Sever, P. Mendola, M. Zielezny and J.E. Vena, 1997. Consumption of contaminated sport fish from Lake Ontario and time-to-pregnancy. New York State Angler Cohort. *American Journal of Epidemiology*, 146:949–954.
- Budtz-Jørgensen, E., N. Keiding, P. Grandjean, R.F. White and P. Weihe, 1999. Methylmercury neurotoxicity independent of PCB exposure. *Environmental Health Perspectives*, 107(5): Correspondence.
- Burkow, I.C. and R. Kallenborn, 2000. Sources and transport of persistent pollutants to the Arctic. *Toxicology Letters*, 112–113:87–92.
- Calabrese, E.J., M.E. McCarthy and E. Kenyon, 1987. The occurrence of chemical induced hormesis. *Health Physics*, 52: 531–541.
- Carlsen, E., A. Giwercman, N. Keiding and N.E. Skakkebaek, 1992. Evidence for decreasing quality of semen during past 50 years. *British Medical Journal*, 305:609–613.
- Carpenter, D.O., K.F. Arcaro, B. Bush, W.D. Niemi, S. Pang and D.D. Vakharia, 1998. Human health and chemical mixtures: an overview. *Environmental Health Perspectives*, 106(6):1263–1270.
- Cavallo, F., R. Russo, C. Zotti, A. Camerlengo and A.M. Ruggerini, 1995. Moderate alcohol consumption and spontaneous abortion. *Alcohol and Alcoholism*, 30:195–201.
- Champ, M.A. and P.F. Seligman, 1996. An introduction to organotin compounds and their use in antifouling coatings. In: Champ M.A. and P.F. Seligman (eds.). *Organotin Environmental Fate and Effects*, pp. 1–25, Chapman and Hall, London.
- Chan, H.M., 1998. A database for environmental contaminants in traditional foods in Northern and Arctic Quebec: development and applications. *Food Additives and Contaminants*, 15: 127–134.
- Chang, K.J., K.H. Hsieh, T.P. Lee, S.Y. Tang and T.C. Tung, 1981. Immunologic evaluation of patients with polychlorinated biphenyl poisoning: determination of lymphocyte subpopulations. *Toxicology and Applied Pharmacology*, 61:58–63.
- Chanoine, J.P. and L.E. Braverman, 1992. The role of transthyretin in the transport of thyroid hormone to cerebrospinal fluid and brain. *Acta Medica Austriaca*, 19(1):25–28.
- Chao, W.Y., C.C. Hsu and Y.L.L. Guo, 1997. Middle-ear disease in children exposed prenatally to polychlorinated biphenyls and polychlorinated dibenzofurans. *Archives of Environmental Health*, 52:257–262.
- Chapman, L. and H.M.Chan, 2000. The influence of nutrition on methyl mercury intoxication. *Environmental Health Perspectives*, 108:29–51.
- Chashschin, V.P., G.P. Artunina and T. Norseth, 1994. Congenital defects, abortion and other health effects in nickel refinery workers. *Science of the Total Environment*, 148:287–291.
- Chau, Y.K., R.J. Maguire, M. Brown, F. Yang and S.P. Batchelor, 1997. Occurrence of organotin compounds in the Canadian aquatic environment five years after the regulation of antifouling uses of tributyltin. *Water Quality Research Journal of Canada*, 32:453–521.
- Chauhan, K.R., P.R. Kodavanti and J.D. McKinney, 2000. Assessing the role of ortho-substitution on polychlorinated biphenyl binding to transthyretin, a thyroxine transport protein. *Toxicology and Applied Pharmacology*, 162:10–21.
- Cheek, A.O., K. Kow, J. Chen and J.A. McLachlan, 1999. Potential mechanisms of thyroid disruption in humans: interaction of organochlorine compounds with thyroid receptor, transthyretin, and thyroid-binding globulin. *Environmental Health Perspectives*, 107:273–278.
- Chen, Y.C.J., Y.L. Guo, C.C. Hsu and W.J. Rogan, 1992. Cognitive development of Yu-Cheng ('Oil Disease') children prenatally exposed to heat-degraded PCBs. *Journal of the American Medical Association*, 268:3213–3218.
- Choi, B.H., 1989. The effects of methylmercury on the developing brain. *Progress in Neurobiology*, 32:447–470.
- Clarkson, T.W., 1993. Mercury: major issues in environmental health. *Environmental Health Perspectives*, 100:31–38.
- Clarkson, T.W., 1997. The toxicology of mercury. *Critical Reviews in Clinical Laboratory Sciences*, 34:369–403.
- Cnattingius, S., B. Haglund and O. Meirik, 1988. Cigarette smoking as a risk factor for late fetal and early neonatal death. *British Medical Journal*, 297:258–261.
- Colorado State University, 2000. The Thyroid and Parathyroid Glands. Hypertextbook for Biomedical Sciences. <http://arbl.cvmbs.colostate.edu/hbooks/pathophys/endocrine/thyroid/index.html> (version updated February 27 2000).
- Connor, S.L. and W.E. Connor, 1997. Are fish oils beneficial in the prevention and treatment of coronary heart disease. *American Journal of Clinical Nutrition*, 66(suppl):1020–1031.
- Connor, K., K. Ramamoorthy, M. Moore, M. Mustatin, I. Chen, S. Safe, T. Zacharewski, B. Gillesby, A. Joyeux and P. Balaguer, 1997. Hydroxylated polychlorinated biphenyls (PCBs) as estrogens and antiestrogens: Structure–activity relationships. *Toxicology and Applied Pharmacology*, 145:111–123.
- Coosen, R. and F.L. van Velsen, 1989. Effects of the beta-isomer of hexachlorocyclohexane on estrogen-sensitive human mammary tumor cells. *Toxicology and Applied Pharmacology*, 101:310–318.
- Coughlin, S.S. and M. Piper, 1999. Genetic polymorphisms and risk of breast cancer. *Cancer Epidemiology, Biomarkers & Prevention*, 8:1023–1032.
- Cox, C., T.W. Clarkson, D.O. Marsh, L. Amin-Zaki, S. Tikriti and G. Myers, 1989. Dose-response analysis of infants prenatally exposed to methylmercury: An application of a single compart-

- ment model to single-strand hair analysis. *Environmental Research*, 49(2):318–332.
- Crawford, M.A., A.G. Hassam, G. Williams and W.E. Whitehouse, 1976. Essential fatty acids and fetal brain. *Lancet*, i:452–453.
- Crawford, M.A., W. Doyle, P. Drury, A. Lennon, K. Costeloe and M. Leighfield, 1989. n-6 and n-3 fatty acids during early human development. *Journal of Internal Medicine*, 225(1):159–169.
- Crête, M., F. Potvin, P. Walsh, J.-L. Benedetti, M.A. Lefebvre, J.P. Weber, G. Paillard and J. Gagnon, 1987. Pattern of cadmium contamination in the liver and kidneys of moose and white-tailed deer in Quebec. *Science of the Total Environment*, 66: 290–291.
- Crisp, T.M., E.D. Clegg, R.L. Cooper, W.P. Wood, D.G. Anderson, K.P. Baetcke, J.L. Hoffmann, M.S. Morrow, D.J. Rodier, J.E. Schaeffer, L.W. Touart, M.G. Zeeman and Y.M. Patel, 1998. Environmental endocrine disruption: an effects assessment and analysis. *Environmental Health Perspectives*, 106(1):11–56.
- Cuvin-Aralar, M.L. and R.W. Furness, 1991. Mercury and selenium interaction: a review. *Ecotoxicology and Environmental Safety*, 21:348–364.
- Darnerud, P.O., G.S. Eriksen, T. Johannesson, P.B. Larsen and M. Viluksela, 2001. Polybrominated diphenyl ethers: Occurrence, dietary exposure and toxicology. *Environmental Health Perspectives*, 109:49–68.
- Darvill, T., E. Lonky, J. Reihman, P. Stewart and J. Pagano, 2000. Prenatal exposure to PCBs and infant performance on the Fagan Test of Infant Intelligence. *Neurotoxicology*, 21(6): 1029–1038.
- Daston, G.P., J.W. Gooch, W.J. Breslin, D.L. Shuey, A.I. Nikiforov, T.A. Fico and J.W. Gorsuch, 1997. Environmental estrogens and reproductive health: a discussion of the human and environmental data. *Reproductive Toxicology*, 11:465–481.
- Daum, J.R., 1993. Immunotoxicology of cadmium and mercury on B-lymphocytes-1. Effects on lymphocytes function. *International Journal of Immunopharmacology*, 15:385–394.
- Daum, J.R., D.M. Shepherd and R.J. Noelle, 1993. Immunotoxicology of cadmium and mercury on B-lymphocytes-I. Effects on lymphocyte function. *International Journal of Immunopharmacology*, 15:383–394.
- Davidson, P.W., G.J. Myers, C.C. Cox, C. Shamlaye, D.O. Marsh, M.A. Tanner, M. Berlin, J. Sloane-Reeves, E. Cemichiaro, O. Choisy, A. Choi and T.W. Clarkson, 1995. 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.
- Davidson, P.W., G.J. Myers, C.C. Cox, C. Axtell, C. Shamlaye, J. Sloane-Reeves, E. Cemichiaro, L. Needham, A. Choi and Y.N. Wang, 1998. Effects of prenatal and postnatal methylmercury exposure from fish consumption on neurodevelopment. *Journal of the American Medical Association*, 280:701–707.
- Davis, D.L. and H.L. Bradlow, 1995. Can environmental estrogens cause breast cancer? *Scientific American*, 273:167–172.
- Day, N.L., G.A. Richardson, D. Geva and N. Robles, 1994. Alcohol, marijuana, and tobacco: effects of prenatal exposure on offspring growth and morphology at age six. *Alcoholism: Clinical and Experimental Research*, 18:786–794.
- Dearth, M.A. and R.A. Hites, 1991. Complex analysis of technical chlordanes using negative ionization mass spectrometry. *Environmental Science & Technology*, 25:245–254.
- de Geus, H.-J., H. Besselink, A. Brouwer, J. Klungsoyr, B. McHugh, E. Nixon, G.G. Rimkus, P.G. Wester and J. de Boer, 1999. Environmental occurrence, analysis, and toxicology of toxaphene compounds. *Environmental Health Perspectives*, 107(1):115–144.
- Dejin-Karlsson, E., B.S. Hanson and P.-E. Østergren, 1997. Psychosocial resources and persistent alcohol consumption early pregnancy – a population study of women in their first pregnancy in Sweden. *Scandinavian Journal of Social Medicine*, 4:280–288.
- Demers, A., P. Ayotte, J. Brisson, S. Dodin, J. Robert and É. Dewailly, 2000. Risk and aggressiveness of breast cancer in relation to plasma organochlorine concentrations. *Cancer Epidemiology, Biomarkers & Prevention*, 9:161–166.
- de Mouzon, J., P. Thonneau, A. Spira and L. Multigner, 1996. Declining sperm count. Semen quality has declined among men born in France since 1950. *British Medical Journal*, 313:43; discussion 44–45.
- Deutch, B., 1999. Lifestyle and contaminants in Greenland 1994–1996. Master of Public Health Thesis; Publication No. 11, Aarhus University.
- Deutch, B., in prep. The human health programme in Greenland 1997–2001. In: Deutch B. and J.C. Hansen (eds.) AMAP Greenland and The Faroe Islands 1997–2001. Danish Environmental Protection Agency.
- Deutch, B. and J.C. Hansen, 1999. High blood levels of persistent organic pollutants are statistically correlated with smoking. *International Journal of Circumpolar Health*, 58:212–217.
- Deutch, B. and J.C. Hansen, 2000. High human plasma levels of organochlorine compounds in Greenland: Regional differences and lifestyle effects. *Danish Medical Bulletin*, 47(2):132–137.
- Deutch, B., E. Bonefeld-Jørgensen and J.C. Hansen, 2000. N-3 PUFA from fish or seal oil reduce atherogenic risk indicators in Danish women. *Nutrition Research*, 20(8):1065–1077.
- Deutch, B., H.S. Pedersen, E.C. Bonefeld-Jørgensen and J.C. Hansen, 2002. Determinants of plasma organochlorine levels among Inuits in Uummanaq. *Archives of Environmental Health*, accepted.
- Deutscher, R.L. and K.J. Cathro, 2001. Organochlorine formation in magnesium electrowinning cells. *Chemosphere*, 43:147–155.
- DeVito, M., L. Biegel, A. Brouwer, S. Brown, F. Brucker-Davis, A.O. Cheek, R. Christensen, T. Colborn, P. Cooke, J. Crissman, K. Crofton, D. Doerge, E. Gray, P. Hauser, P. Hurley, M. Kohn, J. Lazar, S. McMaster, M. McClain, E. McConnell, C. Meier, R. Miller, J. Tietge and R. Tyl, 1999. Screening methods for thyroid hormone disruptors. *Environmental Health Perspectives*, 107:407–415.
- Dewailly, E., A. Nantel, S. Bruneau, C. Laliberté, L. Ferron and S. Gingras, 1992. Breast milk contamination by PCDDs, PCDFs and PCBs in Arctic Québec: A preliminary assessment. *Chemosphere*, 25:1245–1249.
- Dewailly, É., S. Bruneau, P. Ayotte, C. Laliberté, S. Gingras, D. Bélanger and L. Ferron, 1993. Health status at birth of Inuit newborn prenatally exposed to organochlorines. *Chemosphere*, 27:359–366.
- Dewailly, É., S. Dodin, R. Verreault, P. Ayotte, L. Sauvé, J. Morin and J. Brisson, 1994a. High organochlorine body burden in women with estrogen receptor-positive breast cancer. *Journal of the National Cancer Institute*, 86:232–234.
- Dewailly, E., J.J. Ryan, C. Laliberté, S. Bruneau, J.P. Weber, S. Gingras and G. Carrier, 1994b. Exposure of remote maritime populations to coplanar PCBs. *Environmental Health Perspectives*, 102(1):205–209.
- Dewailly, E. (program leader), 1998. Integration of 12 years of data in a risk and benefit assessment of traditional food in Nunavik: Final report. Arctic Environmental Strategy (AES) and Northern Contaminants Program (NCP) 1997/98 project report. DIAND Canada.
- Dewailly, E., G. Mulvad, H.S. Pedersen, P. Ayotte, A. Demers, J.P. Weber and J.C. Hansen, 1999. Concentration of organochlorines in human brain, liver, and adipose tissue autopsy samples from Greenland. *Environmental Health Perspectives*, 107: 823–828.
- Dewailly, E., P. Ayotte, S. Bruneau, S. Gingras, M. Belles-Isles and R. Roy, 2000a. Susceptibility to infections and immune status in Inuit infants exposed to organochlorines. *Environmental Health Perspectives*, 108:205–211.
- Dewailly, E., B. Levesque, J.F. Duchesne, P. Dumas, A. Scheuhammer, C. Gariépy, M. Rhainds and J.F. Proulx, 2000b. Lead shot as a source of lead poisoning in the Canadian Arctic. *Epidemiology*, 11(4):S146.
- Dewailly, E., P. Ayotte, S. Bruneau, G. Lebel, P. Levallois and J.P. Weber, 2001a. Exposure of the Inuit population of Nunavik (Arctic Quebec) to lead and mercury. *Archives of Environmental Health*, 56:350–357.
- Dewailly, E., C. Blanchet, S. Lemieux, L. Sauvé, S. Gingras, P. Ayotte and B.J. Holub, 2001b. N-3 fatty acids and cardiovascular disease risk factors among the Inuit of Nunavik. *American Journal of Clinical Nutrition*, 74(4):464–473.
- Dietz, R., F. Riget and P. Johansen, 1996. Lead, cadmium, mercury, and selenium in Greenland marine animals. *Science of the Total Environment*, 186:67–93.
- Dorshakova, N.V. and T.A. Karapetian, 2002. Quality of the envi-

- ronment and population health in The Republic of Karelia. Abstract from AMAP conference and workshop: Impacts of POPs and mercury on Arctic environments and humans, Tromso, 24 January 2002.
- Dunning, A.M., C.S. Healey, P.D. Pharoah, M.D. Teare, B.A. Ponder and D.F. Easton, 1999. A systematic review of genetic polymorphisms and breast cancer risk. *Cancer Epidemiology, Biomarkers & Prevention*, 8:843–854.
- Ebbeson, S.O.E., J. Kennish, L. Ebbeson, O. Go and J. Yeh, 1999. Diabetes is related to fatty acid imbalance in Eskimos. *International Journal of Circumpolar Health*, 58:108–119.
- Egeland, G.M., L.A. Feyk and J.P. Middaugh, 1998a. The use of traditional foods in a healthy diet in Alaska: Risks in perspective. *Alaska Division of Public Health, Epidemiology Bulletin*, 2(1):1–140.
- Egeland, G., K. Perlham-Hester and J. Berner, 1998b. Fetal Alcohol Syndrome in Alaska, 1977–1992. An administrative prevalence derived from multiple data sources. *American Journal of Public Health*, 88(5):781–786.
- Eisler, R., 1985. Cadmium hazards to fish, wildlife and invertebrates: A synoptic review. US Department of the Interior, Fish and Wildlife Service. Biological Report No. 85, Washington DC.
- Ellermann-Eriksen, S., M.M. Christensen and S.C. Mogensen, 1994. Effect of mercuric chloride on macrophage-mediated resistance mechanisms against infection with herpes simplex virus type 2. *Toxicology*, 93:269–287.
- Ellingsen, D., Y. Thomassen, J. Aaseth and J. Alexander, 1997. Cadmium and selenium in blood and urine related to smoking habits and previous exposure to mercury vapor. *Journal of Applied Toxicology*, 17:337–343.
- Eriksen, M.P., 1999. Social forces and tobacco in society. *Nicotine & Tobacco Research*, Suppl 1:79–80.
- Eriksson, P. and A. Fredriksson, 1998. Neurotoxic effects in adult mice neonatally exposed to 3,3',4,4',5-pentachlorobiphenyl or 2,3,3',4,4'-pentachlorobiphenyl. Changes in brain nicotinic receptors and behaviour. *Environmental Toxicology and Pharmacology*, 5:7–27.
- Eriksson, K.M., F.K.Å. Salvesen, K. Haug and S.H. Eik-Nes, 1996. Smoking habits among pregnant women in a Norwegian county 1987–94. *Acta Obstetrica et Gynecologica Scandinavica*, 75:355–359.
- Eriksson, K.M., K. Haug, K.Å. Salvesen, B.-I. Nesheim, G. Nylander, S. Rasmussen, K. Andersen, J.O. Nakling and S.H. Eik-Nes, 1998. Smoking habits among pregnant women in Norway 1994–95. *Acta Obstetrica et Gynecologica Scandinavica*, 77:159–164.
- Evans, S.M., 1999. Tributyltin pollution: the catastrophe that never happened. *Marine Pollution Bulletin*, 38:629–636.
- Faden, V.B. and B.I. Graubard, 1994. Alcohol consumption during pregnancy and infant birth weight. *Annals of Epidemiology*, 4:279–284.
- Fahrig, R., 1993. Genetic effects of dioxins in the spot test with mice. *Environmental Health Perspectives*, 101(3):257–261.
- Falandysz, J., 1998. Polychlorinated naphthalenes: an environmental update. *Environmental Pollution*, 101:77–90.
- Falck, F.J., A. Ricci, M.S. Wolff, J. Godbold and P. Deckers, 1992. Pesticides and polychlorinated biphenyl residues in human breast lipids and their relation to breast cancer. *Archives of Environmental Health*, 47:143–146.
- Fein, G.G., J.L. Jacobson, S.W. Jacobson, P.M. Schwartz and J.K. Dowler, 1984. Prenatal exposure to polychlorinated biphenyls: Effects on birth size and gestational age. *Journal of Pediatrics*, 105:315–320.
- Fiedler, H., 1996. Sources of PCDD/PCDF and impact on the environment. *Chemosphere*, 32:55–64.
- Finckh, B., A. Kontush, J. Commentz, C. Hubner, M. Burdelski and A. Kohlschutter, 1995. Monitoring of ubiquinol-10, ubiquinone-10, carotenoids, and tocopherols in neonatal plasma microsomes using high-performance liquid chromatography with coulometric electrochemical detection. *Analytical Biochemistry*, 232:210–216.
- Fiorino, D.F., M.W. Bond and T.R. Mosmann, 1989. Two types of mouse T helper cell. IV. Th2 clones secrete a factor that inhibits cytokine production by Th1 clones. *Journal of Experimental Medicine*, 170:2081–2095.
- Fisch, H., E.T. Goluboff, J.H. Olson, J. Feldshuh, S.J. Broder and D.H. Barad, 1996. Semen analyses in 1,283 men from the United States over a 25-year period: no decline in quality. *Fertility and Sterility*, 65:1009–1014.
- Fisher, B.E., 1999. Most unwanted persistent organic pollutants. *Environmental Health Perspectives*, 107:A18–A23.
- Fisher, D.G. and J.M. Booker, 1990. Drug abuse in Alaska: Myths versus reality. *Psychology of Addictive Behaviors*, 4:2–5.
- Fisk, A.T., G.T. Tomy, C.D. Cymbalisky and D.C.G. Muir, 2000. Dietary accumulation and quantitative structure–activity relationships for depuration and biotransformation of short (C10), medium (C14) and long (C18) carbon chain polychlorinated alkanes by juvenile rainbow trout (*Oncorhynchus mykiss*). *Environmental Toxicology and Chemistry*, 19:1508–1516.
- Forsdahl, A., 1977. Are poor living conditions in childhood and adolescence an important risk factor for arteriosclerotic heart disease? *British Journal of Preventive and Social Medicine*, 31:91–95.
- Fortune, R., 1975. Health Care and the Alaska Native: Some Historical Perspectives, Polar Notes, Dartmouth College Library, Number XIV.
- Fortune, R., 1989. Chills and Fever. Health and disease in the Early History of Alaska. University of Alaska Press, Anchorage.
- Fowles, J.R., A. Fairbrother, L. Baecher-Steppan and N.I. Kerkvliet, 1994. Immunologic and endocrine effects of the flame-retardant pentabromodiphenyl ether (DE-71) in C57BL/6J mice. *Toxicology*, 86:49–61.
- Fry, D.M., 1995. Reproductive effects in birds exposed to pesticides and industrial chemicals. *Environmental Health Perspectives*, 103(7):165–171.
- Fry, D.M. and C.K. Toone, 1981. DDT-induced feminization of gull embryos. *Science*, 213:922–924.
- Fushukima, I., 1978. Environmental pollution and health effects. In: K. Tsuchiya (ed.). Cadmium studies in Japan: A review, pp. 170–181, Elsevier Science Publishers, Amsterdam.
- Gabble, S.G. and L. Paige Turner, 1997. Reproductive hazards of the American lifestyle: work during pregnancy. *American Journal of Obstetrics and Gynecology*, 176:826–832.
- Gad, F., 1974. Fire detailkomplekser i Grønlands historie 1782–1808. Nyt Nordisk Forlag, Copenhagen.
- Gaido, K.W., S.C. Maness, L.S. Leonard and W.F. Greenlee, 1992. 2,3,7,8-Tetrachlorodibenzo-p-dioxin-dependent regulation of transforming growth factors- α and - β 2 expression in a human keratinocyte cell line involves both transcriptional and post-transcriptional control. *Journal of Biological Chemistry*, 267:24591–24595.
- Ganther, H.E., C. Goudie, M.L. Sunde, M.J. Kopecky and P. Wagner, 1972. Selenium: relation to decreased toxicity of methylmercury added to diets containing tuna. *Science*, 175(26):1122–1124.
- George, F.W. and J.D. Wilson, 1994. In: Knobil E. and J.D. Neill (eds.). The Physiology of Reproduction. Raven Press, New York.
- Giesy, J.P. and K. Kannan, 2001. Global distribution of perfluorooctane sulfonate in wildlife. *Environmental Science & Technology*, 35:1339–1342.
- Gill, W.B., G.F. Schumacher, M. Bibbo, F.H. Straus, 2nd and H.W. Schoenberg, 1979. Association of diethylstilbestrol exposure in utero with cryptorchidism, testicular hypoplasia and semen abnormalities. *Journal of Urology*, 122:36–39.
- Giwerzman, A., J. Grindsted, B. Hansen, O.M. Jensen and N.E. Skakkebaek, 1987. Testicular cancer risk in boys with mal descended testis: a cohort study. *Journal of Urology*, 138:1214–1216.
- Giwerzman, A., E. Carlsen, N. Keiding and N.E. Skakkebaek, 1993. Evidence for increasing incidence of abnormalities of the human testis: a review. *Environmental Health Perspectives*, 101(2):65–71.
- Gladen, B.C., W.J. Rogan, P. Hardy, J. Thullen, J. Tingelstad and M. Tully, 1988. Development after exposure to polychlorinated biphenyls and dichlorodiphenyl dichloroethene transplacentally and through human milk. *Journal of Pediatrics*, 113:991–995.
- Gladen, B.C., N.B. Ragan and W.J. Rogan, 2000. Pubertal growth and development and prenatal and lactational exposure to polychlorinated biphenyls and dichlorodiphenyl dichloroethene. *Journal of Pediatrics*, 136:490–496.
- Gould, J.C., L.S. Leonard, S.C. Maness, B.L. Wagner, K. Conner, T.

- Zacharewski, S. Safe, D.P. McDonnell and K.W. Gaido, 1998. Bisphenol A interacts with the estrogen receptor alpha in a distinct manner from estradiol. *Molecular and Cellular Endocrinology*, 142:203–214.
- Grandjean, P., P. Weihe, P.J. Jørgensen, T. Clarkson, E. Cernichiari and T. Viderø, 1992. Impact of maternal seafood diet on fetal exposure to mercury, selenium, and lead. *Archives of Environmental Health*, 47:185–195.
- Grandjean, P., P. Weihe, R.F. White, F. Debes, S. Araki, K. Yokoyama, K. Murata, N. Sørensen, R. Dahl and P.J. Jørgensen, 1997. Cognitive deficit in 7-year-old children with prenatal exposure to methylmercury. *Neurotoxicology and Teratology*, 19(6):417–428.
- Grandjean, P., E. Budtz-Jørgensen, R.F. White, P.J. Jørgensen, P. Weihe, F. Debes and N. Keiding, 1999a. Methylmercury exposure biomarkers as indicators of neurotoxicity in children aged 7 years. *American Journal of Epidemiology*, 150:301–305.
- Grandjean, P., R.F. White, A. Nielsen, D. Cleary and E.C. de Oliveira Santos, 1999b. Methylmercury neurotoxicity in Amazonian children downstream from gold mining. *Environmental Health Perspectives*, 107:587–591.
- Grandjean, P., P. Weihe, V.W. Burse, L.L. Needham, E. Storr-Hansen, B. Heinzow, F. Debes, K. Murata, H. Simonsen, P. Ellefsen, E. Budtz-Jørgensen, N. Keiding and R.F. White, 2001. Neurobehavioral deficits associated with PCB in 7-year-old children prenatally exposed to seafood neurotoxicants. *Neurotoxicology and Teratology*, 23:305–317.
- Gray, L.E. Jr., J.S. Ostby and W.R. Kelce, 1994. Developmental effects of an environmental antiandrogen: the fungicide vinclozolin alters sex differentiation of the male rat. *Toxicology and Applied Pharmacology*, 129:46–52.
- Greiner, R.S., T. Moriguchi, A. Hutton, B.M. Slotnick and N. Jr. Salem, 1999. Rats with low levels of brain doxosaheptaenoic acid show impaired performance in olfactory-based and spatial learning tasks. *Lipids*, 34 Suppl:239–243.
- Grimstad, H., B. Backe, G. Jacobsen and B. Schei, 1998. Abuse history and health risk behaviors in pregnancy. *Acta Obstetrica et Gynecologica Scandinavica*, 77:893–897.
- Guillette, L.J. Jr., T.S. Gross, G.R. Masson, J.M. Matter, H.F. Percival and A.R. Woodward, 1994. Developmental abnormalities of the gonad and abnormal sex hormone concentrations in juvenile alligators from contaminated and control lakes in Florida. *Environmental Health Perspectives*, 102:680–688.
- Guillette, L.J. Jr., D.A. Crain, A.A. Rooney and D.B. Pickford, 1995. Organization versus activation: the role of endocrine-disrupting contaminants (EDCs) during embryonic development in wildlife. *Environmental Health Perspectives*, 103(7):157–164.
- Gwiazda, R.H. and D.R. Smith, 2000. Lead isotopes as a supplementary tool in the routine evaluation of household lead hazards. *Environmental Health Perspectives*, 108:1091–1097.
- Håglin, L., 1988. The food and nutrient intake of a Swedish Saami population. *Arctic Medical Research*, 47(1):139–144.
- Håglin, L., 1991. Nutrient intake among Saami people today compared with an old traditional Saami diet. *Arctic Medical Research* 1991. Suppl. 7:41–6.
- Hahn, M.E., 1998. The aryl hydrocarbon receptor: a comparative perspective. *Comparative Biochemistry and Physiology C: Pharmacology & Toxicology*, 121:23–53.
- Hakulinen, T., A. Andersen, B. Malke, E. Pukkala, G. Schou and H. Tulinius, 1986. Trends in cancer incidence in the Nordic countries. A collaborative study of the five Nordic Cancer Registries. *Acta Pathologica, Microbiologica et Immunologica Scandinavica Supplementum*, 288:1–151.
- Hamburgh, M., 1969. The role of thyroid and growth hormones in neurogenesis. In: Moscona, A. and A. Monroy (eds.). *Current Topics in Developmental Biology*, pp. 109–148. Academic Press, New York.
- Hanlon, D.P. and V.H. Ferm, 1989. Cadmium effects and biochemical status in hamsters following acute exposure in late gestation. *Experientia*, 45:108–110.
- Hansen, J.C., 1990. Human exposure to metals through consumption of marine foods: a case study of exceptionally high intake among Greenlanders. In: Furness, R.S. and P.S. Rainbow (eds.). *Heavy Metals in the Marine Environment*, pp. 227–243. CRP Press, Boca Raton, Florida.
- Hansen, J.C., 2000. Dietary selenium intake among Greenlanders. *Bulletin of Selenium-tellurium*, Oct. 1–4.
- Hansen, J.C. and G. Danscher, 1997. Organic mercury: an environmental threat to the health of dietary-exposed societies? *Reviews on Environmental Health*, 12:107–116.
- Hansen, J.C., T.Y. Toribara and A.G. Huhs, 1989. Trace metals in human and animal samples. In: Hart Hansen J.P. and H.C. Guillou (eds.). *The Mummies from Qilakitsoq. Meddl Gronland Man and Society*, 12:161–167.
- Hansen, J.R., R. Hansson and S. Norris (eds.), 1996. *The State of the European Arctic Environment*, EEA Environmental Monograph, No. 3, 136 pp., Oslo.
- Hansen, K.G., G. Mulvad and T. Pars, 1997. Kalaalimernit. In: *Arktisk Forskningsjournal*, 1–168.
- Hany, J., H. Lilienthal, A. Roth-Harer, G. Ostendorp, B. Heinzow and G. Winneke, 1999. Behavioral effects following single and combined maternal exposure to PCB 77 (3,4,3',4'-tetrachlorobiphenyl) and PCB 47 (2,4,2',4'-tetrachlorobiphenyl) in rats. *Neurotoxicology and Teratology*, 21:147–156.
- Harada, M., 1995. Minamata disease: methylmercury poisoning in Japan caused by environmental pollution. *Critical Reviews in Toxicology*, 25:1–25.
- Hardy, R., D. Kuh and M. Wadsworth, 2000. Smoking, body mass index, socioeconomic status and the menopausal transition in a British national cohort. *International Journal of Epidemiology*, 29:845–851.
- Harris, C.A., P. Henttu, M.G. Parker and J.P. Sumpter, 1997. The estrogenic activity of phthalate esters *in vitro*. *Environmental Health Perspectives*, 105:802–811.
- Hartikainen, A.-L., M. Sorri, H. Anttonen, R. Tuimala and E. Laara, 1994. Effect of occupational noise on the course and outcome of pregnancy. *Scandinavian Journal of Work Environment & Health*, 20:444–450.
- Harvey, C.B., E.J. Hollox, M. Poulter, Y. Wang, M. Rossi, S. Auricchio, T.H. Iqbal, B.T. Cooper, R. Barton, M. Sarner, R. Korpela and D.M. Swallow, 1998. Lactase haplotype frequencies in Caucasians: association with the lactase persistence/non-persistence polymorphism. *Annals of Human Genetics*, 62:215–223.
- Hauptman, O., D.M. Albert, M.C. Plowman, S.-M. Hopfer and F.W. Sunderman, Jr., 1993. Ocular malformations of *Xenopus laevis* to nickel during embryogenesis. *Annals of Clinical and Laboratory Science*, 23:397–406.
- Health Canada, 1991. *Towards a Healthy Future: Second report on the Health of Canadians*. Health Canada.
- Hegele, R.A., T.K. Young and P.W. Connelly, 1997. Are Canadian Inuit at increased genetic risk for coronary heart disease? *Journal of Molecular Medicine*, 74:364–370.
- Heo, Y., P.J. Parsons and D.A. Lawrence, 1996. Lead differentially modifies cytokine production *in vitro* and *in vivo*. *Toxicology and Applied Pharmacology*, 138:149–157.
- Herbst, A.L., H. Ulfelder and D.C. Poskanzer, 1971. Adenocarcinoma of the vagina. Association of maternal stilbestrol therapy with tumor appearance in young women. *New England Journal of Medicine*, 284:878–881.
- HMSO, 1992. *The Annual Report of the Chief Medical Officer of the Department of Health. On the States of The Public Health*, HMSO, London.
- Hoffmann, D. and I. Hoffmann, 1997. The changing cigarette, 1950–1995. *Journal of Toxicology and Environmental Health*, 50:307–364.
- Hoffman, R.E., P.A. Stehr-Green, K.B. Webb, R.G. Evans, A.P. Knutsen, W.F. Schramm, J.L. Staake, B.B. Gibson and K.K. Steinberg, 1986. Health effects of long-term exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. *Journal of the American Medical Association*, 255:2031–2038.
- Holder, T., 1998. Education on health risks of smoking in Magadan, Russia. *International Journal of Circumpolar Health*, 57:493–494.
- Holladay, S.D. and M.I. Luster, 1996. Alterations in fetal thymic and liver hematopoietic cells as indicators of exposure to developmental immunotoxicants. *Environmental Health Perspectives*, 104(4):809–813.
- Höök, O., K.-D. Lundgren and Åswensson, 1954. On alkyl mercury poisoning, with description of two cases. *Acta Medica Scandinavica*, 150:131–137.

- Hooper, K. and T.A. McDonald, 2000. The PBDEs: An emerging environmental challenge and another reason for breast-milk monitoring programs. *Environmental Health Perspectives*, 108:387–392.
- Hovander, L., T. Malmberg, M. Athanasiadou, L. Athanassiadis, S. Rahm, A. Bergman and E.K. Wehler, 2002. Identification of hydroxylated PCB metabolites and other phenolic halogenated pollutants in human blood plasma. *Archives of Environmental Contamination and Toxicology*, 42:105–117.
- Høyer, A.P., P. Grandjean, T. Jørgensen, J.W. Brock and H.B. Hartvig, 1998. Organochlorine exposure and risk of breast cancer. *Lancet*, 352:1816–1820.
- Huisman, M., C. Koopman-Esseboom, V. Fidler, M. Hadders-Algra, C.G. Van der Paauw, L.G.M.Th. Tuinstra, N. Weisglas-Kuperus, P.J.J. Sauer, B.C.L. Touwen and E.R. Boersma, 1995a. Perinatal exposure to polychlorinated biphenyls and dioxins and its effect on neonatal neurological development. *Early Human Development*, 41:111–127.
- Huisman, M., C. Koopman-Esseboom, C.I. Lanting, C.G. Van der Paauw, L.G.M.Th. Tuinstra, V. Fidler, N. Weisglas-Kuperus, P.J.J. Sauer, E.R. Boersma and B.C.L. Touwen, 1995b. Neurological condition in 18-month-old children perinatally exposed to polychlorinated biphenyls and dioxins. *Early Human Development*, 43:165–176.
- Hunter, D.J., S.E. Hankinson, F. Laden, G.A. Colditz, J.E. Manson, W.C. Willett, F.E. Speizer and M.S. Wolff, 1997. Plasma organochlorine levels and the risk of breast cancer. *New England Journal of Medicine*, 337:1253–1258.
- Hussain, R.J., J. Gyori, A.P. DeCaprio and D.O. Carpenter, 2000. *In vivo* and *in vitro* exposure to PCB 153 reduces long-term potentiation. *Environmental Health Perspectives*, 108:827–831.
- IARC, 1983. Polynuclear aromatic compounds. Part 1: Chemical, environmental and experimental data. International Agency for Research on Cancer, Lyon, 477 pp.
- Ilback, N.G., L. Wesslen, J. Fohlman and G. Friman, 1996. Effects of methyl mercury on cytokines, inflammation and virus clearance in a common infection (coxsackie B3 myocarditis). *Toxicology Letters*, 89:19–28.
- Innis, S.A., 2000. The role of dietary n-6 and n-3 fatty acids in the developing brain. *Developmental Neuroscience*, 22:474–480.
- IPCS, 1992. IPCS Environmental Health Criteria 135, Cadmium Environmental Aspects. UNEP/World Health Organization, Geneva, International Programme on Chemical Safety. 156 pp.
- Irvine, S., E. Cawood, D. Richardson, E. MacDonald and J. Aitken, 1996. Evidence of deteriorating semen quality in the United Kingdom: birth cohort study in 577 men in Scotland over 11 years. *British Medical Journal*, 312:467–471.
- ISO, 1999. General requirements for the competence of testing and calibration laboratories. International Organisation for Standardisation, Geneva, 26 pp.
- Jaakkola, N., R. Ruotsalainen and J.K. Jaakkola, 1994. What are the determinants of children's exposure to environmental tobacco smoke at home? *Scandinavian Journal of Social Medicine*, 2:107–112.
- Jacobson, J.L. and S.W. Jacobson, 1996. Intellectual impairment in children exposed to polychlorinated biphenyls *in utero*. *New England Journal of Medicine*, 335:783–789.
- Jacobson, S.W., G.G. Fein, J.L. Jacobson, P.M. Schwartz and J.K. Dowler, 1985. The effects of intrauterine PCB exposure on visual recognition memory. *Child Development*, 56:853–860.
- Jacobson, J.L., S.W. Jacobson and H.E.B. Humphrey, 1990a. Effects of *in utero* exposure to polychlorinated biphenyls and related contaminants on cognitive functioning in young children. *Journal of Pediatrics*, 116:38–45.
- Jacobson, J.L., S.W. Jacobson and H.E.B. Humphrey, 1990b. Effects of exposure to PCBs and related compounds on growth and activity in children. *Neurotoxicology and Teratology*, 12:319–326.
- Jacobson, J.L., S.W. Jacobson, R.J. Padgett, G.A. Brumitt and R.L. Billings, 1992. Effects of prenatal PCB exposure on cognitive processing efficiency and sustained attention. *Developmental Psychology*, 28:297–306.
- Jacobson, J.L., S.W. Jacobson, R.J. Sokol, S.S. Martier, J.W. Ager and M.G. Kaplan-Estrin, 1993. Teratogenic effects of alcohol on infant development. *Alcoholism: Clinical and Experimental Research*, 17:174–83.
- Jarvis, M.J., E. Goddard, V. Higgins, C. Feyerabend, A. Bryant and D.G. Cook, 2000. Children's exposure to passive smoking in England since the 1980s: cotinine evidence from population surveys. *British Medical Journal*, 321:343–345.
- Jensen, G.E. and J. Clausen, 1979. Organochlorine compounds in adipose tissue of Greenlanders and southern Danes. *Journal of Toxicology and Environmental Health*, 5:617–629.
- Jensen, J., K. Adare and R. Shearer (eds.), 1997. Canadian Arctic Contaminants Assessment Report, Northern Contaminants Program, Minister of Indian Affairs and Northern Development, Ottawa, 460 pp.
- Jensen, B.L., J. Skouv, B.K. Lundholt and A.E. Lykkesfeldt, 1999. Differential regulation of specific genes in MCF-7 and the ICI 182780-resistant cell line MCF-7/182R-6. *British Journal of Cancer*, 79:386–392.
- Jenssen, B.M., J.U. Skaare, M. Ekker, D. Vongraven and S.H. Lorentsen, 1996. Organochlorine compounds in blubber, liver and brain in neonatal grey seal pups. *Chemosphere*, 32:2115–2125.
- Jobling, S., T. Reynolds, R. White, M.G. Parker and J.P. Sumpter, 1995. A variety of environmentally persistent chemicals, including some phthalate plasticizers, are weakly estrogenic. *Environmental Health Perspectives*, 103:582–587.
- Johansen, P., T. Pars and P. Bjerregaard, 2000. Lead, cadmium, mercury, and selenium intake by Greenlanders from local marine food. *Science of the Total Environment*, 200:187–194.
- Johansen, P., G. Asmund and F. Riget, 2001. Lead contamination of seabirds harvested with lead shot – implications to human diet in Greenland. *Environmental Pollution*, 112(3):501–504.
- Johansen, P., in prep. Manuscript in preparation for the 2002 Danish National AMAP Report (preliminary title). In: Deutch B. and J.C. Hansen (eds.) AMAP Greenland and The Faroe Islands 1997–2001. Danish Environmental Protection Agency.
- Jokiel, M., 1996. Changes in tobacco smoking patterns in Poland in the years 1876, 1986 and 1990. *Przegląd Epidemiologiczny*, 50:299–307.
- Jury, H.H., T.R. Zacharewski and G.L. Hammond, 2000. Interaction between human plasma sex hormone-binding globulin and xenobiotic ligands. *Journal of Steroid Biochemistry & Molecular Biology*, 75:167–176.
- Kaikkonen, J., K. Nyyssonen, T.P. Tuomainen, U. Ristonmaa and J.T. Salonen, 1999. Determinants of plasma coenzyme Q10 in humans. *FEBS Letters*, 443:163–166.
- Kallen, B., R. Bertollini, E. Castilla, A. Czeizel, L.B. Knudsen, M.L. Martinez-Frias, P. Mastroiacovo and O. Mutchinick, 1986. A joint international study on the epidemiology of hypospadias. *Acta Paediatrica Scandinavica Supplementum*, 324:1–52.
- Kallenborn, R. and H. Hühnerfuss, 2001. Chiral Environmental Pollutants. Trace Analysis and Ecotoxicology. Springer-Verlag, Berlin, 209 pp.
- Kannan, K., K. Senthilkumar and J.P. Giesy, 1999. Occurrence of butyltin compounds in human blood. *Environmental Science & Technology*, 33(10):1776–1779.
- Kannan, K., J. Koistinen, K. Beckmen, T. Evans, J.F. Gorzelany, K.J. Hansen, P.D. Jones, E. Helle, M. Nyman and J.P. Giesy, 2001. Accumulation of perfluorooctane sulfonate in marine mammals. *Environmental Science & Technology*, 35:1593–1598.
- Karlsson, H., M. Oehme, S. Skopp and I.C. Burkow, 2000. Enantiomer ratios of chlordane congeners are gender specific in cod (*Gadus morhua*) from the Barents Sea. *Environmental Science & Technology*, 34:2126–2130.
- Karron, R.A., R.J. Singleton, L. Bulkow, A. Parkins, D. Druse, I. Desmet, C. Indorf, K.M. Petersen, D. Leombruno, D. Hurlburt, M. Santosham and L.H. Harrison, 1999. Severe Respiratory Syncytial Virus Disease in Alaska Native Children. RSV Alaska Study Group. *Journal of Infectious Disease*, 180(1):41–49.
- Kelce, W.R. and E.M. Wilson, 1997. Environmental antiandrogens: developmental effects, molecular mechanisms, and clinical implications. *Journal of Molecular Medicine*, 75:198–207.
- Kelce, W.R., E. Monosson, M.P. Gamesik, S.C. Laws and L.E. Gray Jr, 1994. Environmental hormone disruptors: evidence that vinclozolin developmental toxicity is mediated by antiandrogenic metabolites. *Toxicology and Applied Pharmacology*, 126:276–285.
- Kelce, W.R., C.R. Stone, S.C. Laws, L.E. Gray, J.A. Kemmaipainen and E.M. Wilson, 1995. Persistent DDT metabolite *p,p'*-DDE is

- a potent androgen receptor antagonist. *Nature*, 375:581–585.
- Kelce, W.R., C.R. Lambright, L.E. Gray Jr. and K.P. Roberts, 1997. Vinclozolin and *p,p'*-DDE alter androgen-dependent gene expression: *in vivo* confirmation of an androgen receptor-mediated mechanism. *Toxicology and Applied Pharmacology*, 142: 192–200.
- Kendall, M.D., B. Safieh, J. Harwood and P.P. Pomeroy, 1992. Plasma thymulin concentrations, the thymus and organochlorine contaminant levels in seals infected with phocine distemper virus. *Science of the Total Environment*, 115:133–144.
- Kershaw, T.G., T.W. Clarkson and P.H. Dhahir, 1980. The relationship between blood–brain levels and dose of methylmercury in man. *Archives of Environmental Health*, 35(1):28–36.
- Kester, M.H.A., S. Bulduk, D. Tibboel, W. Meinl, H. Glatt, C.N. Falany, M.W.H. Coughtrie, A. Bergman, S.H. Safe, G.G.J.M. Kuiper, A.G. Schuur, A. Brouwer and T.J. Visser, 2000. Potent inhibition of estrogen sulfotransferase by hydroxylated PCB metabolites: A novel pathway explaining the estrogenic activity of PCBs. *Endocrinology*, 141:1897–1900.
- Key, B.D., R.D. Howell and C.S. Criddle, 1997. Fluorinated organics in the biosphere. *Environmental Science & Technology*, 31: 2445–2454.
- Kharat, I. and F. Saatcioglu, 1996. Antiestrogenic effects of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin are mediated by direct transcriptional interference with the liganded estrogen receptor. Crosstalk between aryl hydrocarbon- and estrogen-mediated signaling. *Journal of Biological Chemistry*, 271:10533–10537.
- Kim, C., H.M. Chan and O. Receveur, 1998. Risk assessment of cadmium exposure in Fort Resolution, NWT, Canada. *Food Additives and Contaminants*, 15(3):307–317.
- Kjellstrom, T., P. Kennedy, S. Wallis and C. Mantell, 1986. Physical and mental development of children with prenatal exposure to mercury from fish. Stage 1: Preliminary test at age 4. National Swedish Environmental Protection Board, Sweden.
- Klopov, V., 1998. Levels of heavy metals in women residing in the Russian Arctic. *International Journal of Circumpolar Health*, 57(1):582–585.
- Klopov, V.P., 2000. Hygienic Assessment of Environmental Pollution in the North of Russia and its Effect on Population Health. Doctoral thesis. St. Petersburg, 46 pp. (In Russian).
- Klopov, V.P. and V.N. Shepovallnikov, 2000. The levels of exposure to key POPs among adult and children populations in Yamal Peninsula, Arctic Russia. Proceedings of the Workshop on Persistent Organic Pollutants (POPs) in the Arctic: Human Health and Environmental Concerns. Rovaniemi, 18–20 January 2000. Univ of Arctic: Rovaniemi. Abstract 19; 4 pp.
- Klopov, V.P. and V.P. Tchachchine, 2001. Environmental Pollution and Risk Assessment for Population in the Russian North. St. Petersburg, 225 pp. (In Russian).
- Klopov, V., J.Ø. Odland and I.C. Burkow, 1998. Persistent organic pollutants in maternal blood plasma and breast milk from Russian Arctic populations. *International Journal of Circumpolar Health*, 57(4)(suppl. 1):239–248.
- Koch, A., T. Krause, K. Krogfelt, O.R. Olsen and M. Melbye, 2000. Forekomsten af *Helicobacter pylori* infektion blandt grønlandere. Nuna Med conference 2000 (Abstract).
- Kociba, R.J., D.G. Keyes, J.E. Beyer, R.M. Carreon, C.E. Wade, D.A. Dittenber, R.P. Kalnins, L.E. Frauson, C.N. Park, S.D. Barnard, R.A. Hummel and C.G. Humiston, 1978. Results of a two-year chronic toxicity and oncogenicity study of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in rats. *Toxicology and Applied Pharmacology*, 46:279–303.
- Koopman-Esseboom, C., M. Huisman, N. Weisglas-Kuperus, E.R. Boersma, M.A.J. de Ridder, C.G. Van der Paauw, L.G.M.Th. Tuinstra and P.J.J. Sauer, 1994a. Dioxin and PCB levels in blood and human milk in relation to living areas in the Netherlands. *Chemosphere*, 29:2327–2338.
- Koopman-Esseboom, C., D.C. Morse, N. Weisglas-Kuperus, I.J. Lutkeschipholt, C.G. Van der Paauw, L.G. Tuinstra, A. Brouwer and P.J. Sauer, 1994b. Effects of dioxins and polychlorinated biphenyls on thyroid hormone status of pregnant women and their infants. *Pediatric Research*, 36:468–473.
- Koren, G., T. Koren and J. Gladstone, 1996. Mild maternal drinking and pregnancy outcome: perceived versus true risks. *Clinica Chimica Acta*, 15:155–162.
- Kosatsky, T. and C. Dumont, 1991. Human exposure as a monitor of environmental contamination: its possibilities and limitations as illustrated by the case of methylmercury in northern Quebec. *Arctic Medical Research*, 50(5):712–714.
- Krieger, N., M.S. Wolff, R.A., Hiatt, M. Rivera, J. Vogelman and N. Orentreich, 1994. Breast cancer and serum organochlorines: a prospective study among white, black, and Asian women. *Journal of the National Cancer Institute*, 86:589–599.
- Kuhnlein, H.V., 1995. Benefits and risks of traditional food for indigenous peoples: focus on dietary intakes of Arctic men. *Canadian Journal of Physiology and Pharmacology*, 73:765–771.
- Kuhnlein, H.V., 1997. Benefits and Risks of traditional food for indigenous peoples: Focus on dietary intakes of Arctic men. In: Thorling, E.B. and J.C. Hansen (eds.). Foodtables for Greenland, pp. 51–58, Inussuk.
- Kuhnlein, H.V. and O. Receveur, 1996. Dietary change and traditional food systems of indigenous peoples. *Annual Review of Nutrition*, 16:417–442.
- Kuhnlein, H.V., S. Kubow and R. Soueida, 1991. Lipid components of traditional Inuit foods and diets of Baffin Island. *Journal of Food Composition and Analysis*, 4:227–236.
- Kuhnlein, H.V., O. Receveur, D.C.G. Muir and H.M. Chan, 1995a. Arctic indigenous women consume greater than acceptable levels of organochlorines. *Community and International Nutrition*, 125:2501–2510.
- Kuhnlein, H.V., O. Receveur, N.E. Morrison, D.M. Appavoo, R. Soueida and P. Pierrot, 1995b. Dietary nutrients of Sahtu Dene/Metis vary by food source, season and age. *Ecology of Food and Nutrition*, 34(3):183–195.
- Kuhnlein, H.V., R. Soueida and O. Receveur, 1996. Dietary nutrient profiles of Canadian Baffin Island Inuit differ by food source, season and age. *Journal of the American Dietetic Association*, 2:155–162.
- Kuiper, G.G., J.G. Lemmen, B. Carlsson, J.C. Corton, S.H. Safe, P.T. van der Saag, B. van der Burg and J.A. Gustafsson, 1998. Interaction of estrogenic chemicals and phytoestrogens with estrogen receptor beta. *Endocrinology*, 139:4252–4263.
- Laden, F. and D.J. Hunter, 1998. Environmental risk factors and female breast cancer. *Annual Review of Public Health*, 19:101–123.
- Legendijk, J., J.B. Ubbink and W.J. Vermaak, 1996. Measurement of the ratio between the reduced and oxidized forms of coenzyme Q10 in human plasma as a possible marker of oxidative stress. *Journal of Lipid Research*, 37:67–75.
- Lagueux, J., D. Pereg, P. Ayotte, E. Dewailly and G.G. Poirier, 1999. Cytochrome P-450 CYP1A1 enzyme activity and DNA adducts in placenta of women environmentally exposed to organochlorines. *Environmental Research, Section A*, 80:369–382.
- Landen, M.G., J. Middaugh and A.L. Dannenberg, 1999. Injuries associated with snowmobiles, Alaska, 1993–94. *Public Health Reports*, 114:48–52.
- Landon, M. and B. Saylor, 1997. Community solutions to alcohol-related problems: Alaskan examples. Presented at the Health Problems of the North Lecture Series; Anchorage, Alaska.
- Langworth, S., C.G. Elinder and K.G. Sundqvist, 1993. Minor effects of low exposure to inorganic mercury on the human immune system. *Scandinavian Journal of Work Environment & Health*, 19:405–413.
- Lanier, A., J. Kelly, P. Holck, B. Smith, T. McEvoy and T. Sandige, 2001. Chapter 3, In: Cancer Incidence in Alaska Natives Thirty year report, 1969–1998. Report Alaska Native Tribal Health Consortium (ANTHC), Anchorage. Alaska Med 2001, 43(4): 87–115.
- Lans, M.C., C. Spiertz, A. Brouwer and J.H. Koeman, 1994. Different competition of thyroxine binding to transthyretin and thyroxine-binding globulin by hydroxy-PCBs, PCDDs and PCDFs. *European Journal of Pharmacology*, 270:129–136.
- Larsen, C., S. Lokke and L.I. Andersen, 1999. Brominated flame retardants, substance flow analysis and assessment of alternatives. Danish Environmental Protection Agency, Copenhagen.
- Larsson, S. and B.S. Hanson, 2000. To prevent alcohol problems in Europe by community actions – various national and regional contexts. *Substance Use and Misuse*, 35:11–30.
- Lauwerys, R., J.P. Buchet, H. Roels and G. Hubermont, 1978. Placental transfer of lead, mercury, cadmium and carbon monoxide in women. *Environmental Research*, 15:278–289.
- Lejon, J., 1996. Polychlorinated Biphenyls, Dioxins and Furans in

- Breast Milk from the Kiruna Area. Examination project in environmental chemistry, MK D96:3. Umea University, Sweden.
- Lemmens, P.H.H.M. and R.A. Knibbe, 1993. Seasonal variation in survey and sales estimates of alcohol consumption. *Journal of Studies on Alcohol*, 54:157–163.
- Lerchl, A. and E. Nieschlag, 1996. Decreasing sperm counts? A critical (re)view. *Experimental and Clinical Endocrinology & Diabetes*, 104:301–307.
- Letcher, R.J., R.J. Norstrom and D.C.G. Muir, 1998. Biotransformation versus bioaccumulation: Sources of methyl sulfone PCB and 4,4'-DDE metabolites in the polar bear food chain. *Environmental Science & Technology*, 32:1656–1661.
- Leversha, A.M. and R.E. Marks, 1995. Alcohol and pregnancy: doctor's attitudes, knowledge and clinical practice. *New Zealand Medical Journal*, 27:428–430.
- Levine, M.E., L.K. Duffy and R.T. Bowyer, 1994. Fatigue, sleep and seasonal hormone levels: Implications for drinking behavior in northern climates. *Drugs and Society*, 8:61–70.
- Li, Y.-F., 1999. Global technical hexachlorocyclohexane usage and its contamination consequences in environment from 1948 to 1997. *Science of the Total Environment*, 232:121–158.
- Li, H., R.I. Kieger and Q.X. Li, 2000. Improved HPLC method for analysis of 1-hydroxypyrene in human urine specimens of cigarette smokers. *Science of the Total Environment*, 10:147–153.
- Lippman, M.E. and R.B. Dickson, 1989. Mechanisms of normal and malignant breast epithelial growth regulation. *Journal of Steroid Biochemistry*, 34:107–121.
- Longnecker, M.P., B.C. Gladen, D.G. Patterson and W.J. Rogan, 2000. Polychlorinated biphenyl (PCB) exposure in relation to thyroid hormone levels in neonates. *Epidemiology*, 11:249–254.
- Lønne, O.J., R. Sætre, S. Tikhonov, G.W. Gabrielsen, H. Loeng, S. Dahle and K. Sjevlgjag (eds.), 1997. Status Report on the Marine Environment of the Barents Region. The Joint Norwegian-Russian Commission on Environmental Co-operation, The Working Group on the Marine Environment of the Barents Region, Oslo, 97 pp.
- López-Carrillo, L., A. Blair, M. López Cervantes, M. Cebrián, C. Rueda, R. Reyes, A. Mohar and J. Bravo, 1997. Dichlorodiphenyltrichloroethane serum levels and breast cancer risk: a case-control study from Mexico. *Cancer Research*, 57:3728–3732.
- Lucier, G.W., K.G. Nelson, R.B. Everson, T.K. Wong, R.M. Philpot, T. Tiernan, M. Taylor, and G.I. Sunahara, 1987. Placental markers of human exposure to polychlorinated biphenyls and polychlorinated dibenzofurans. *Environmental Health Perspectives*, 76:79–87.
- Luke, B., M. Avni, L. Min and R. Misiunas, 1999. Work and pregnancy: The role of fatigue and the “second shift” on antenatal morbidity. *American Journal of Obstetrics and Gynecology*, 181:1172–1179.
- Lund, B.O., D.M. Miller and J.S. Woods, 1993. Studies on Hg(II)-induced H₂O₂ formation and oxidative stress *in vivo* and *in vitro* in rat kidney mitochondria. *Biochemical Pharmacology*, 45:2017–2024.
- Luo, S.Q., M.C. Plowman, S.M. Hopfer and F.W. Sunderman, Jr., 1993. Mg²⁺ deprivation enhances and Mg²⁺ supplementation diminishes the embryotoxic and teratogenic effects of Ni²⁺, Co²⁺, Zn²⁺, and Cd²⁺ for frog embryos in the FETAX assay. *Annals of Clinical Laboratory Science*, 23:121–129.
- Luopa, P., S. Orre, M. Hyry-Andersson, J. Jokela and M. Rimpela, 2002. Kouluterveys 2001. Stakes, Helsinki.
- Luzina, I.G., L.A. Suplotova and G.A. Osadchenko, 1998. Endemic goiter in the extreme North of West Siberia. *Klinicheskaja Meditsina*, 78(1):38–39.
- Mably, T.A., D.L. Bjerke, R.W. Moore, A. Gendron-Fitzpatrick and R.E. Peterson, 1992. *In utero* and lactational exposure of male rats to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. 3. Effects on spermatogenesis and reproductive capability. *Toxicology and Applied Pharmacology*, 114:118–126.
- Madeley, R.J., P.A. Gillies, F.L. Power and E.M. Symonds, 1989. Nottingham mothers stop smoking project – baseline survey of smoking in pregnancy. *Community Medicine*, 11:124–130.
- Magnúsdóttir, E.V, K. Ólafsdóttir, T. Thorsteinsson, S. Thorsteinsdóttir and U. Egilsdóttir, 2002. AMAP conference and workshop, Tromsø 20–22 January. Poster abstract.
- Marchetti, B., M.C. Morale, F. Gallo, N. Baiticane, Z. Farinella and M. Cioni, 1995. Neuroendocrinology at the turn of the century: towards a molecular understanding of basic mechanisms and clinical implications for reproductive physiology. *Endocrine*, 3: 845–871.
- Marckman, P., A. Lassen, J. Haraldsdóttir and B. Sandstrøm, 1995. Biomarkers of habitual fish intake in adipose tissue. *American Journal of Clinical Nutrition*, 62:956–959.
- Marsh, J.A. and C.G. Scanes, 1994. Neuroendocrine-immune interactions. *Poultry Science*, 73:1049–1061.
- Marsh, D.O., T.W. Clarkson, C. Cox, G. Myers, J. Amin-Zaki and S.L. Tikriti, 1987. Fetal methylmercury poisoning: relationship between concentration in single strands of maternal hair and child effects. *Archives of Neurology*, 44:1017–1022.
- Marsh, D.O., M.D. Turner, J.C. Smith, P. Allen and N. Richdale, 1995. Fetal methylmercury in a Peruvian fish-eating population. *Neurotoxicology*, 16(4):717–726.
- Maynard, J.E. and L.M. Hammes, 1970. A study of growth, morbidity and mortality among Eskimo infants of Western Alaska. *Bulletin of the World Health Organization*, 42:613–622.
- McDougal, A. and S. Safe, 1998. Induction of 16 α -/2-hydroxyestrone metabolite ratios in MCF-7 cells by pesticides, carcinogens, and antiestrogens does not predict mammary carcinogens. *Environmental Health Perspectives*, 106:203–206.
- McIntyre, B.S., N.J. Barlow, D.G. Wallace, S.C. Maness, K.W. Gaido and P.M. Foster, 2000. Effects of *in utero* exposure to linuron on androgen-dependent reproductive development in the male Crl:CD(SD)BR rat. *Toxicology and Applied Pharmacology*, 167:87–99.
- McKeown-Eyssen, G.E., J. Ruedy and A. Neims, 1983. Methyl mercury exposure in northern Quebec. II. Neurologic findings in children. *American Journal of Epidemiology*, 118(4):470–479.
- McLachlan, J.A., 1981. *In: Herbist, A.L. and H.A. Bern (eds.)*. Developmental Effects of Diethylstilboestrol (DES) in Pregnancy, New York, 148 pp.
- McLean, M.R., L.W. Robertson and R.C. Gupta, 1996. Detection of PCB adducts by the 32P-postlabeling technique. *Chemical Research in Toxicology*, 9:165–171.
- Meerts, I.A., J.J. van Zanden, E.A. Luijckx, I. van Leeuwen-Bol, G. Marsh, E. Jakobsson, A. Bergman and A. Brouwer, 2000. Potent competitive interactions of some brominated flame retardants and related compounds with human transthyretin *in vitro*. *Toxicological Sciences*, 56:95–104.
- Mehendale, H.M., 1994. Amplified Interactive Toxicity of Chemicals of Non-toxic Levels: Mechanistic considerations to Public Health. *Environmental Health Perspectives*, 102(9):139–149.
- Mellanby, K., 1992. The DDT story. British Crop Protection Council, Farnham, 113 pp.
- Merrill, R.M. and O.W. Brawley, 1997. Prostate cancer incidence and mortality rates among white and black men. *Epidemiology*, 8:126–131.
- Michalke, B., H. Witte and P. Schramel, 2001. Development of a rugged method for selenium speciation, *Journal of Analytical Atomic Spectrometry*, 16:593–597.
- Milman, N., J. Laursen, H.S. Pedersen, G. Mulvad, E. Jul, H. Saaby and J.C. Hansen, 2000. Elements in autopsy liver tissue samples from Greenlandic Inuit and Danes. II Iron measured by X-ray fluorescence spectrometry. *Journal of Trace Elements in Medicine and Biology*, 14(2):100–107.
- Milnerowicz, H., 1997. Concentration of metals, ceruloplasmin, metallothionein and activity of N-Acetyl-beta-D-glucosaminidase and gamma-glutamyltransferase in pregnant women who smoke and in those environmentally exposed to tobacco and in their infants. II. Influence of environmental exposure in the Copper Basin. *International Journal of Occupational Medical Environmental Health*, 10:273–282.
- Mocarelli, P., P. Brambilla, P.M. Gerthoux, D.G. Patterson, Jr. and L.L. Needham, 1996. Change in sex ratio with exposure to dioxin. *Lancet*, 348:409.
- Moller, H., A. Prener and N.E. Skakkebaek, 1996. Testicular cancer, cryptorchidism, inguinal hernia, testicular atrophy, and genital malformations: case-control studies in Denmark. *Cancer Causes Control*, 7:264–274.
- Monsees, T.K., M. Franz, S. Gebhardt, U. Winterstein, W.B. Schill and J. Hayatpour, 2000. Sertoli cells as a target for reproductive

- hazards. *Andrologia*, 32:239–246.
- Moody, C.A. and J.A. Field, 2000. Perfluorinated surfactants and the environmental implications of their use in fire-fighting foams. *Environmental Science & Technology*, 34:3864–3870.
- Moore, M., M. Mustain, K. Daniel, I. Chen, S. Safe, T. Zacharewski, B. Gillesby, A. Joyeux, and P. Balaguer, 1997. Anti-strogenic activity of hydroxylated polychlorinated biphenyl congeners identified in human serum. *Toxicology and Applied Pharmacology*, 142:160–168.
- Morabia, A., M.S. Bernstein, I. Bouchardy, J. Kurtz and M.A. Morris, 2000. Breast cancer and active and passive smoking: the role of the N-acetyltransferase 2 genotype. *American Journal of Epidemiology*, 152:226–232.
- Morabia, A., M.S. Bernstein, F. Curtin and M. Berode, 2001. Validation of self-reported smoking status by simultaneous measurement of carbon monoxide and salivary thiocyanate. *Preventive Medicine*, 32:82–88.
- Moskalewicz, J., 1993. Lessons to be learnt from Poland's attempt at moderating its consumption of alcohol. *Addiction*, 88:135S–142S.
- Moysich, K.B., C.B. Ambrosone, J.E. Vena, P.G. Shields, P. Mendola, P. Kostyniak, H. Greizerstein, S. Graham, J.R. Marshall, E.F. Schisterman and J.L. Freudenheim, 1998. Environmental organochlorine exposure and postmenopausal breast cancer risk. *Cancer Epidemiology, Biomarkers & Prevention*, 7:181–188.
- Moysich, K.B., P.G. Shields, J.L. Freudenheim, E.F. Schisterman, J.E. Vena, P. Kostyniak, H. Greizerstein, J.R. Marshall, S. Graham and C.B. Ambrosone, 1999. Polychlorinated biphenyls, cytochrome P4501A1 polymorphism, and postmenopausal breast cancer risk. *Cancer Epidemiology, Biomarkers & Prevention*, 8:41–44.
- Mozurkewich, E.L., B. Luke, M. Avni and F.M. Wolf, 2000. Working conditions and adverse pregnancy outcome: a meta-analysis. *Obstetrics and Gynecology*, 95:623–635.
- Muckle, G., P. Ayotte, E. Dewailly, S.W. Jacobson and J.L. Jacobson, 2001a. Determinants of polychlorinated biphenyls and methylmercury exposure in Inuit women of childbearing age. *Environmental Health Perspectives*, 109:957–963.
- Muckle, G., P. Ayotte, E. Dewailly, S.W. Jacobson and J.L. Jacobson, 2001b. Prenatal exposure of Inuit infants from Northern Quebec to elevated levels of environmental contaminants. *Environmental Health Perspectives*, 109(12):1291–1299.
- Muir, D.C.G. and J. de Boer, 1995. Recent developments in the analysis and environmental chemistry of toxaphene with emphasis on the marine environment. *Trends in Analytical Chemistry*, 14:56–66.
- Muir, D., D. Bennie, C. Teixeira, A. Fisk, G. Tomy, G. Stern and M. Whittle, 2001. Short chain chlorinated paraffins: Are they persistent and bioaccumulative? In: Lipnick, R.L., B. Jansson, D. Mackay and M. Petreas (eds.). Persistent, Bioaccumulative, and Toxic Chemicals II. Assessment and New Chemicals, ACS Symposium Series 773, pp. 184–202. American Chemical Society, Washington DC.
- Murk, A.J., P.E.G. Leonards, B. van Hattum, R. Luit, M.E.J. van der Weiden and M. Smit, 1998. Application of biomarkers for exposure and effect of polyhalogenated aromatic hydrocarbons in naturally exposed European otters (*Lutra lutra*). *Environmental Toxicology and Pharmacology*, 6:91–102.
- Murkies, A.L., G. Wilcox and S.R. Davis, 1998. Clinical review 92: Phytoestrogens. *Journal of Clinical Endocrinology and Metabolism*, 83:297–303.
- Mussalo-Rauhamaa, H., E. Häsänen, H. Pyysalo, K. Antervo, P. Kauppila and P. Pantzar, 1990. Occurrence of beta-hexachlorocyclohexane in breast cancer patients. *Cancer*, 66:2124–2128.
- Myers, G.J., D.O. Marsh, C. Cox, P.W. Davidson, C.F. Shamlaye, M.A. Tanner, A. Choi, E. Cernichiari, E. Choisy and T.W. Clarkson, 1995a. A pilot neurodevelopmental study of Seychellois children following *in utero* exposure to methylmercury from a maternal fish diet. *Neurotoxicology*, 16:629–638.
- Myers, G.J., D.O. Marsh, P.W. Davidson, C. Cox, C.F. Shamlaye, M.A. Tanner, A. Choi, E. Cernichiari, E. Choisy and T.W. Clarkson, 1995b. Main neurodevelopmental study of Seychellois children following *in utero* exposure to methylmercury from a maternal fish diet: Outcome at six months. *Neurotoxicology*, 16:653–664.
- Mylchreest, E., M. Sar, R.C. Cattley and P.M. Foster, 1999. Disruption of androgen-regulated male reproductive development by di(n-butyl) phthalate during late gestation in rats is different from flutamide. *Toxicology and Applied Pharmacology*, 156:81–95.
- Myles, T.D., R. Espinoza, W. Meyer, A. Bieniarz and T. Ngyen, 1998. Effects of smoking, alcohol, and drugs of abuse on the outcome of “expectantly” managed cases of preterm premature rupture of membranes. *Journal of Maternal-Fetal Medicine*, 7:157–161.
- Nagayama, J., K. Okamura, T. Iida, H. Hirakawa, T. Matsueda, H. Tsuji, M. Hasegawa, K. Sato, H.Y. Ma, T. Yanagawa, H. Igarashi, J. Fukushima and T. Watanabe, 1998. Postnatal exposure to chlorinated dioxins and related chemicals on thyroid hormone status in Japanese breast-fed infants. *Chemosphere*, 37:1789–1793.
- Nakamura, P., 1996. Prevention that works. *Alaska Medicine*, 38:18–20.
- Näyha, S. and J. Hassi, 1993. Lifestyle, work and health of Finnish reindeer herders. *Publications of Social Insurance Institution*, ML:127.
- Ndayibagira, A. and P.A. Spear, 1999. Esterification and hydrolysis of vitamin A in the liver of brook trout (*Salvelinus fontinalis*) and the influence of a coplanar polychlorinated biphenyl. *Comparative Biochemistry and Physiology C: Pharmacology & Toxicology*, 122:317–325.
- Nei, M. and N. Saitou, 1986. Genetic relationship of human populations and ethnic differences in reaction to drugs and food. *Progress in Clinical and Biological Research*, 214:21–37.
- Nieboer, E., V.P. Tchachtchine, J.O. Odland and Y. Thomassen, 1997. Reproductive and Developmental Health in Relation to Occupational Exposure to Nickel in the Kola Peninsula of Russia: A Feasibility Study. Hamilton, Canada: McMaster University (unpublished).
- Nieboer, E., V.P. Chaschchin, S. Ignatikova, J.O. Odland, Y. Thomassen and D. Ellingsen, 2000. A critical evaluation of the evidence of cardiomyopathy among Russian cobalt workers. Hamilton, Ontario, Canada: McMaster University (unpublished).
- Nilsen, H., E. Utsi and K.H. Bønaa, 1999. Dietary and nutrient intake of a Sami population living in traditional reindeer herding areas of North Norway: comparisons with a group of Norwegians. *International Journal of Circumpolar Health*, 58:120–133.
- Nielsen, J., 2000. Health Statistics in the Nordic Countries 1998. Nordisk Medicinalstatistisk Komite, Copenhagen.
- Nielsen, N.H., H.H. Storm, L.A. Gaudette and A. Lanier, 1996. Cancer in Circumpolar Inuit. *Acta Oncologica*, 35:621–628.
- Nobman, E.D., S.O.E. Ebbeson, R.G. White, R. Bulkow and C.D. Schraer, 1999. Associations between dietary factors and plasma lipids related to cardiovascular disease among Siberian Yupiks of Alaska. *International Journal of Circumpolar Health*, 58:254–271.
- NOMESCO, 2001. Health statistics in the Nordic countries. Nordic Medico-Statistical Committee. International Council of Ministers. Denmark.
- Nonneman, D.J., V.K. Ganjam, W.V. Welshons and F.S. Vom Saal, 1992. Intrauterine position effects on steroid metabolism and steroid receptors of reproductive organs in male mice. *Biology of Reproduction*, 47:723–729.
- Nordiska Närings Rekommendationer, 1996. (In Swedish).
- Nordström, M.-L. and S. Cnattingius, 1996. Effects on birthweights of maternal education, socio-economic status, and work-related characteristics. *Scandinavian Journal of Social Medicine*, 24: 55–61.
- Norén, K. and D. Meironyté, 2000. Certain organochlorine and organobromine contaminants in Swedish human milk in perspective of past 20–30 years. *Chemosphere*, 40:1111–1123.
- NRC, 1992. Biological markers in immunotoxicology. US National Research Council, National Academic Press, Washington DC.
- NRC, 2000. Toxicological Effects of Methylmercury. US National Research Council, National Academy Press, Washington, DC.
- Nriagu, J., 1989. A global assessment of natural sources of atmospheric trace metals. *Nature*, 338:47–49.
- Nummela, O., S. Helekorpi, T. Laatikainen, A. Uutela and P. Puska, 2000. Health behavior and Health status in provinces in Fin-

- land 1978–1999. Publications of the National Health Institute, B 10.
- NWT, 1999. The NWT Health Status Report. Government of the North West Territories, Health and Social Services. 21 pp.
- Oakley, G.G., L.W. Robertson and R.C. Gupta, 1996. Analysis of polychlorinated biphenyl-DNA adducts by 32P-postlabeling. *Carcinogenesis*, 17:109–114.
- Odland J.Ø., 2000. Environmental and occupational exposure, lifestyle factors and pregnancy outcome in Arctic and sub-Arctic populations of Norway and Russia. Doctoral thesis: ISM Skriftserie No. 50. Institute of Community Medicine, University of Tromsø, Norway.
- Odland, J.Ø., N. Romanova, G. Sand, Y. Thomassen, E. Khotova, A. Duriagin, E. Lund and E. Nieboer, 1996. Preliminary report of the trace elements in mothers and newborn living in the Kola peninsula and Arkhangelsk region of Russia compared to Norwegian population. *Arctic Medical Research*, 55(1):38–46.
- Odland, J.Ø., E. Nieboer, N. Romanova, Y. Thomassen, T. Norseth and E. Lund, 1999a. Urinary nickel concentrations and selected pregnancy outcomes in delivering women and their newborns among Arctic populations of Norway and Russia. *Journal of Environmental Monitoring*, 1(2):153–161.
- Odland, J.Ø., E. Nieboer, N. Romanova, Y. Thomassen, J. Brox and E. Lund, 1999b. Essential elements, birth weight and newborn body mass index in Arctic populations of Norway and Russia. *Acta Obstetrica et Gynecologica Scandinavica*, 78: 605–614.
- Odland, J.Ø., E. Nieboer, N. Romanova, Y. Thomassen and E. Lund, 1999c. Blood lead and cadmium and birth weight among sub-Arctic and Arctic populations of Norway and Russia. *Acta Obstetrica et Gynecologica Scandinavica*, 78(10):852–860.
- Odland, J.Ø., E. Nieboer, N. Romanova, Y. Thomassen, J. Brox and E. Lund, 1999d. Self-reported ethnic status of delivering women, newborn body mass index, and blood, serum and urine concentrations of toxic and essential elements in Norwegian and Russian Arctic populations. *International Journal of Circumpolar Health*, 58:4–13.
- Odland, J.Ø., E. Nieboer, N. Romanova, Y. Thomassen, D. Hofoss and E. Lund, 2001. Factor analysis of essential and toxic elements in human placentas from deliveries in arctic and subarctic areas of Russia and Norway. *Journal of Environmental Monitoring*, 3(2):177–184.
- Olafsdottir, H., 1998. The dynamics of shifts in alcoholic beverage preference: effects of the legalization of beer in Iceland. *Journal of Studies on Alcohol*, 59:107–114.
- Olsen, J., F. Bolumar, J. Boldsen and L. Bisanti, 1997. Does moderate alcohol intake reduce fecundability? A European multicenter study on infertility and subfecundity. European Group on Infertility and Subfecundity. *Alcoholism, Clinical and Experimental Research*, 21:206–212.
- Olson, J.A., 1994. Hypovitaminosis A: contemporary scientific issues. *Journal of Nutrition*, 124:1461S–1466S.
- Oppenheimer, J.H., H.L. Schwartz and K.A. Strait, 1995. An Integrated View of Thyroid Hormone Actions *In Vivo*. In: B.D. Weintraub (ed.). *Molecular Endocrinology: Basic Concepts and Clinical Correlations*, pp. 249–268. Raven Press Ltd, New York.
- Ornaghi, F., S. Ferrini, M. Prati and E. Giavini, 1993. The protective effects of N-acetyl-L-cysteine against methyl mercury embryotoxicity in mice. *Fundamental and Applied Toxicology*, 20:437–445.
- Ortayli, N., M. Ozugurlu and G. Gokeay, 1996. Female health workers: an obstetric risk group. *International Journal of Gynaecology and Obstetrics*, 54:263–270.
- Osterhaus, A.D., R.L. de Swart, H.W. Vos, P.S. Ross, M.J. Kenter and T. Barrett, 1995. Morbillivirus infections of aquatic mammals: newly identified members of the genus. *Veterinary Microbiology*, 44:219–227.
- Paigen, B., 1999. Dioxins and Dioxin-Like Chemicals. *Pesticides, People and Nature*, 1:33–52.
- Pajarinen, J., P. Laippala, A. Penttila and P.J. Karhunen, 1997. Incidence of disorders of spermatogenesis in middle aged Finnish men, 1981–91: two necropsy series. *British Medical Journal*, 314:13–18.
- Panin, L.E. and S.I. Kiseleva, 1997. Assessment of current diet of children in boarding schools in Taymir. *Problems of Nutrition* N3, 26–30. (In Russian).
- Park, S.T., K.T. Lim, Y.T. Chung and S.U. Kim, 1996. Methylmercury-induced neurotoxicity in cerebral neuron culture is blocked by antioxidants and NMDA receptor antagonists. *Neurotoxicology*, 17:37–45.
- Parkinson, A.J., B.D. Gold, L. Bulkow, R.B. Wainwright, B. Swaminathan, B. Khanna, K.M. Petersen and M.A. Fitzgerald, 2000. High prevalence of *Helicobacter pylori* in the Alaska Native population and association with low serum ferritin levels in young adults. *Clinical and Diagnostic Laboratory Immunology*, 7(6):885–888.
- Parlar, H., G. Reil, D. Angerhöfer and M. Coelham, 2001. Structure–activity relationship model for toxaphene congeners. *Fresenius Environmental Bulletin*, 10:122–130.
- Pars, T., 2000. Forbruget af traditionelle grønlandske fødevarer i Vestgrønland. Ph.D. Thesis, University of Copenhagen.
- Paschane, D., 1998. Variability of substance abuse. Global variability of substance abuse: Is latitude a unique etiological factor? *International Journal of Circumpolar Health*, 57:228–238.
- Patandin, S., C.I. Lanting, E.R. Boersma, P.J.J. Sauer and N. Weisglas-Kuperus, 1997. Pre- and Postnatal exposure to PCBs and dioxins and cognitive development of Dutch children at 31/2 years of age. *Organohalogen Compounds*, 34:451–454.
- Patandin, S., C. Koopman-Esseboom, M.A.J. De Ridder, N. Weisglas-Kuperus and P.J.J. Sauer, 1998. Effects of environmental exposure to polychlorinated biphenyls and dioxins on birth size and growth in Dutch children. *Pediatric Research*, 44:538–545.
- Patandin, S., C.I. Lanting, P.G. Mulder, E.R. Boersma, P.J. Sauer and N. Weisglas-Kuperus, 1999. Effects of environmental exposure to polychlorinated biphenyls and dioxins on cognitive abilities in Dutch children at 42 months of age. *Journal of Pediatrics*, 134:33–41.
- Patrono, C. and G.A. FitzGerald, 1997. Isoprostanes: potential markers of oxidant stress in atherothrombotic disease. *Arteriosclerosis, Thrombosis and Vascular Biology*, 17:2309–2315.
- Pedersen, H.S., 2000. Det grønlandske obduktionsprojekt Atherosclerose og intracerebral hægøragi i relation til fedtsyre sammensætningen i fedtvæv og validering af dødsårsagsmønsteret. Ph.D. Thesis, Aarhus University. (In Danish and English).
- Pedersen, H.S., G. Mulvad, K.N. Seidelin, G.T. Malcolm and D.A. Boudreau, 1999. N-3 fatty acids as a risk factor for hemoragic stroke. *Lancet*, 353(9155):812–813.
- Peen, A., P. Bergsjø, B.-I. Nesheim, Å.M. Ullern, B.W. Heggelund and I. Matheson, 1991. Characterization of birth populations in two Norwegian counties (Akershus and Hordaland). *Tidsskrift for den Norske Lægøforening*, 111:1613–1616.
- Pekkanen, J., T. Husman, J. Sivonen, M. Kajosaari, A. Koivikko, M. Korppi and L. Soiminen, 1996. Data book of the Finnish ISAAC study. National Public Health Institute, Helsinki, Finland.
- Pelkonen, O., N. Karki, M. Koivisto, R. Tuimala and A. Kauppila, 1979. Maternal cigarette smoking, placental aryl hydrocarbon hydroxylase and neonatal size. *Toxicology Letters*, 3:331–335.
- Pereg, D., J. Lagueux, E. Dewailly, G.G. Poirier and P. Ayotte, 2001. Cigarette smoking during pregnancy: comparison of biomarkers for inclusion in epidemiological studies. *Biomarkers*, 6:161–173.
- Pereg, D., E. Dewailly, G.G. Poirier and P. Ayotte, 2002. Environmental exposure to polychlorinated biphenyls and placental CYP1A1 activity in Inuit women from Northern Quebec. *Environmental Health Perspectives*, 110(6):607–612.
- Petersen, P.M., N.E. Skakkebaek and A. Giwercman, 1998. Gonadal function in men with testicular cancer: biological and clinical aspects. *Apmis*, 106:24–34; discussion 34–36.
- Peterson, R.E., H.M. Theobald and G.L. Kimmel, 1993. Developmental and reproductive toxicity of dioxins and related compounds: cross-species comparisons. *Critical Reviews in Toxicology*, 23:283–335.
- Pichini, S., X.B. Na, R. Pacifici, O. Garcia, C. Puig, O. Oriol, J. Harris, P. Zucarro, J. Segura and J. Sunyer, 2000. Cord serum cotinine as a biomarker of fetal exposure to cigarette smoke at the end of pregnancy. *Environmental Health Perspectives*, 108: 1079–1082.
- Pirkle, J.L., D.J. Brody and E.W. Gunter, 1994. The decline in blood lead levels in the United States: the National Health and Nutrition Examination Surveys. *Journal of the American Medical Association*, 272:284–291.

- Polder, A., J.O. Odland, A. Tkachev, S. Foreid, T.N. Savinova and J.U. Skaare, 2002a. Chlorinated pesticides, toxaphenes and PCBs in human milk from northern Russia, and possible effects on birth weight. Abstract from AMAP conference and workshop: Impacts of POPs and mercury on Arctic environments and humans, Tromsø, 20–24 January 2002
- Polder, A., A. Tkachev, J.O. Odland and J.U. Skaare, 2002b. Residue pattern of chlorinated pesticides and PCBs in foodstuffs from northern Russia and human dietary exposure. Abstract from AMAP conference and workshop: Impacts of POPs and mercury on Arctic environments and humans, Tromsø 20–24 January 2002.
- Polygenis, D., S. Wharton, C. Malmberg, N. Sherman, D. Kennedy, G. Koren and T.R. Einarson, 1998. Moderate alcohol consumption during pregnancy and the incidence of fetal malformations: a meta-analysis. *Neurotoxicology and Teratology*, 20:61–67.
- Porta, M., N. Malats, M. Jarrod, J.O. Grimalt, J. Rifa, A. Carrato, L. Guarner, A. Salas, M. Santiago-Silva, J.M. Corominas, M. Andreu and F. X. Real, 1999. Serum concentrations of organochlorine compounds and K-ras mutations in exocrine pancreatic cancer. PANKRAS II Study Group. *Lancet*, 354:2125–2129.
- Porterfield, S.P., 2000. Thyroidal dysfunction and environmental chemicals – potential impact on brain development. *Environmental Health Perspectives*, 108(3):433–438.
- Porterfield, S.P. and L.B. Hendry, 1998. Impact of PCBs on thyroid hormone directed brain development. *Toxicology and Industrial Health*, 14:103–120.
- Pratico, D., 1999. F(2)-isoprostanes: sensitive and specific non-invasive indices of lipid peroxidation *in vivo*. *Atherosclerosis*, 147:1–10.
- Prenner, A., G. Engholm and O.M. Jensen, 1996. Genital anomalies and risk for testicular cancer in Danish men. *Epidemiology*, 7:14–19.
- Quinn, M. and E. Allen, 1995. Changes in incidence of and mortality from breast cancer in England and Wales since introduction of screening. United Kingdom Association of Cancer Registries. *British Medical Journal*, 311:1391–1395.
- Raby, R., M. Blaiss, S. Gross and H.G. Herrod, 1996. Antibody response to unconjugated Haemophilus influenzae b and pneumococcal polysaccharide vaccines in children with recurrent infections. *Journal of Allergy and Clinical Immunology*, 98:451–459.
- Rahman, F., K.H. Langford, M.D. Scrimshaw and J.N. Lester, 2001. Polybrominated diphenyl ether (PBDE) flame retardants. *Science of the Total Environment*, 275:1–17.
- Ramamoorthy, K., F. Wang, I.-C. Chen, J.D. Norris, D.P. McDonnell, L.S. Leonard, K.W. Gaido, W.P. Bocchinfuso, K.S. Korach and S. Safe, 1997. Estrogenic activity of a dieldrin/toxaphene mixture in the mouse uterus, MCF-7 human breast cancer cells, and yeast-based estrogen receptor assays: no apparent synergism. *Endocrinology*, 138:1520–1527.
- Rayman, M.P., 1997. Dietary selenium: time to act. *British Medical Journal*, 314:387–388.
- Receveur, O., M. Boulay and H.V. Kuhnlein, 1997. Decreasing traditional food use affects diet quality for adult Déné/Métis in 16 communities in Canadian NWT. *Journal of Nutrition*, 127(11):2179–2186.
- Reijnders, P.J., 1986. Reproductive failure in common seals feeding on fish from polluted coastal waters. *Nature*, 324:456–457.
- Remington, G. and B.F. Hoffman, 1984. Gas sniffing as a form of substance abuse. *Canadian Journal of Psychiatry*, 29:31–35.
- Renner, R., 2000. What fate for brominated fire retardants? *Environmental Science & Technology*, 34(9):222A–226A.
- Rhainds, M., P. Levallois, E. Dewailly and P. Ayotte, 1999. Lead, mercury and organochlorine compound levels in cord blood in Quebec, Canada. *Archives of Environmental Health*, 54:40–47.
- Ribas-Fito, N., M. Sala, M. Kogevinas and J. Sunyer, 2001. Polychlorinated biphenyls (PCBs) and neurological development in children: a systematic review. *Journal of Epidemiology and Community Health*, 55:537–546.
- Rissanen, T., 2000. Fish Oil-Derived Fatty Acids, Docosahexaenoic Acid and Docosapentaenoic Acid, and the Risk of Acute Coronary Events. *Circulation*, 28: 2677–2679.
- Robinson, J., 1981. Lead in Greenland snow. *Ecotoxicology and Environmental Safety*, 5:24–37.
- Rodier, P.M., 1994. Vulnerable Periods and Processes during Central Nervous System Development. *Environmental Health Perspectives*, 102(2):121–124.
- Roels, H., G. Hubermont, J.P. Buchet and R. Lauwerys, 1978. Placental transfer of lead, mercury, cadmium and carbon monoxide in women, Part III. *Environmental Research*, 16:236–247.
- Rogan, W. and B.C. Gladen, 1991. PCBs, DDE, and child development at 18 and 24 months. *Annals of Epidemiology*, 1:409–413.
- Rogan, W., B.C. Gladen, J.D. McKinney, N. Carreras, P. Hardy, J. Thullen, J. Tinglestad and M. Tully, 1986a. Neonatal effects of transplacental exposure to PCBs and DDE. *Journal of Pediatrics*, 109:335–341.
- Rogan, W., B.C. Gladen, J.D. McKinney, N. Carreras, P. Hardy, J. Thullen, J. Tinglestad and M. Tully, 1986b. Polychlorinated biphenyls (PCBs) and dichlorodiphenyl dichloroethene (DDE) in human milk: Effects of maternal factors and previous lactation. *American Journal of Public Health*, 76:172–177.
- Rogan, W., B.C. Gladen, K. Hung, S. Koong and L. Shih, 1988. Congenital poisoning by polychlorinated biphenyls and their contaminants in Taiwan. *Science*, 241:334–336.
- Romberg, R.W., S.B. Needleman and M. Past, 1992. Factors influencing confirmed drug positives for Navy and Marine Corps recruits. *Military Medicine*, 157:33–37.
- Romieu, I., M. Hernandez-Avila, E. Lazcano-Ponce, J.P. Weber and E. Dewailly, 2000. Breast cancer, lactation history, and serum organochlorines. *American Journal of Epidemiology*, 152:363–370.
- Romkes, M., J. Piskorska Pliszczynska and S. Safe, 1987. Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on hepatic and uterine estrogen receptor levels in rats. *Toxicology and Applied Pharmacology*, 87:306–314.
- Routledge, E.J., J. Parker, J. Odum, J. Ashby and J.P. Sumpter, 1998. Some alkyl hydroxy benzoate preservatives (parabens) are estrogenic. *Toxicology and Applied Pharmacology*, 153:12–19.
- Rubin, C.H., A. Lanier, M. Socha, J.W. Brock, S. Kieszak and S. Zahm, 2001. Exposure to persistent organochlorines among Alaska Native women. *International Journal of Circumpolar Health*, 60(2):157–169.
- Ruiz, J.M., G. Bachelet, P. Caumette and O.F.X. Donard, 1996. Three decades of tributyltin in the coastal environment with emphasis on Arcachon Bay, France. *Environmental Pollution*, 93:195–203.
- RFCSES, 1998. Annual Report. Russian Federal Center for Sanitary and Epidemiological Surveillance. (in Russian).
- Rylander, L., U. Stromberg and L. Hagmar, 1995. Decreased birth-weight among infants born to women with a high dietary intake of fish contaminated with persistent organochlorine compounds. *Scandinavian Journal of Work Environment & Health*, 21:368–375.
- Rylander, L., U. Stromberg, E. Dyremark, C. Ostman, P. Nilsson-Ehle and L. Hagmar, 1998. Polychlorinated biphenyls in blood plasma among Swedish female fish consumers in relation to low birth weight. *American Journal of Epidemiology*, 147:493–502.
- Rylander, L., U. Strömberg and L. Hagmar, 2000. Lowered birth weight among infants born to women with a high intake of fish contaminated with persistent organochlorine compounds. *Chemosphere*, 40:1255–1262.
- Sadiki, A. and D. Williams, 1996. Speciation of organotin and organolead compounds in drinking water by gas chromatography-atomic emission spectrometry. *Chemosphere*, 32:1983–1992.
- Safe, S.H., 1994. Polychlorinated biphenyls (PCBs): Environmental impact, biochemical and toxic responses, and implications for risk assessment. *Critical Reviews in Toxicology*, 24:87–149.
- Safe, S.H., 1997. Is there an association between exposure to environmental estrogens and breast cancer? *Environmental Health Perspectives*, 105(3):675–678.
- Safe, S.H., 2000. Endocrine disruptors and human health – is there a problem? An update. *Environmental Health Perspectives*, 108:487–493.
- Safe, S. and V. Krishnan, 1995. Cellular and molecular biology of aryl hydrocarbon (Ah) receptor-mediated gene expression. *Archives of Toxicology. Supplement*, 17:99–115.

- Sager, D.B., W. Shih-Schroeder and D. Girard, 1987. Effect of early postnatal exposure to polychlorinated biphenyls (PCBs) on fertility in male rats. *Bulletin of Environmental Contamination and Toxicology*, 38:946–953.
- Saillard, J., P. Forster, N. Lynnerup, H.J. Bandelt and S. Norby, 2000. mtDna variation among Greenland Eskimos: the edge of the Beringian expansion. *American Journal of Human Genetics*, 67:718–726.
- Sallsten, G., S. Kreku and H. Unosson, 2000. A small dose of ethanol increases the exhalation of mercury in low-level-exposed humans. *Journal of Toxicology and Environmental Health*, 60:89–100.
- Salonen, J.T., G. Alfthan, J.K. Huttunen, J. Pikkarainen and P. Puska, 1982. Association between cardiovascular death and myocardial infarction and serum selenium in a matched-pair longitudinal study. *Lancet*, ii:175–179.
- Salonen, J.T., K. Seppanen, K. Nyyssnen, H. Korpela, J. Kauhanen, M. Kantola, J. Tuomilehto, H. Esterbauer, F. Tatzber and R. Salonen, 1995. 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.
- Sandau, C.D., P. Ayotte, E. Dewailly, J. Duffe and R.J. Norstrom, 2000a. Analysis of hydroxylated metabolites of PCBs (OH-PCBs) and other chlorinated phenolic compounds in whole blood from Canadian Inuit. *Environmental Health Perspectives*, 108:611–616.
- Sandau, C.D., I.A.T.M. Meerts, R.J. Letcher, A.J. Mcalees, B. Chittim, A. Brouwer and R.J. Norstrom, 2000b. Identification of 4-hydroxyheptachlorostyrene in polar bear plasma and its binding affinity to transthyretin: A metabolite of octachlorostyrene? *Environmental Science & Technology*, 34:3871–3877.
- Sandau, C.D., P. Ayotte, É. Dewailly, J. Duffe and R.J. Norstrom, 2002. Pentachlorophenol and hydroxylated polychlorinated biphenyl metabolites in umbilical cord plasma of neonates from coastal populations in Quebec. *Environmental Health Perspectives*, 110(4):411–417.
- Sandyk, R. and J.D. Kanofsky, 1992. Cocaine addiction: Relationship to seasonal affective disorder. *International Journal of Neuroscience*, 64:195–201.
- Sarafian, T. and M.A. Verity, 1991. Oxidative mechanisms underlying methyl mercury neurotoxicity. *International Journal of Developmental Neuroscience*, 9:147–153.
- Sarkola, T., C.J. Eriksson, O. Niemela, P. Sillanaukee and E. Halmesmaki, 2000. Mean cell volume and gamma-glutamyl transferase are superior to carbohydrate-deficient transferrin and hemoglobin-acetaldehyde adducts in the follow-up of pregnant women with alcohol abuse. *Acta Obstetrica et Gynecologica Scandinavica*, 79:359–366.
- Satel, S.L. and F.H. Gawin, 1989. Seasonal cocaine abuse. *American Journal of Psychiatry*, 146:534–535.
- Satoh, K., F. Nagai and N. Aoki, 2001. Several environmental pollutants have binding affinities for both androgen receptor and estrogen receptor alpha. *Journal of Health Science*, 47:495–501.
- Sauer, P.J.J., M. Huisman, C. Koopman-Esseboom, D.C. Morse, A.E. Smits-van Prooije, A.E. van der Berg, L.G.M.T. Tuinstra, C.G. van der Paauw, E.R. Boersma, N. Weisglas-Kuperus, J.H.C.M. Lammers, B.M. Kulig and A. Bouwer, 1994. Effects of polychlorinated biphenyls (PCBs) and dioxins on growth and development. *Human and Experimental Toxicology*, 13:900–906.
- Saurel-Cubizolles, M.-J., M. Kaminski, C. Du Mazaubrun and G. Breart, 1991a. Working conditions of women with arterial hypertension during pregnancy. *Revue d'Epidemiologie et de Sante Publique*, 39:37–43.
- Saurel-Cubizolles, M.-J., M. Kaminski, C. Du Mazaubrun, J. Ilado and M. Estryn-Behar, 1991b. High blood pressure during pregnancy and working conditions among hospital personnel. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, 40:29–34.
- Schwartz, P.M., S.W. Jacobson, G. Fein, J.L. Jacobson and H.A. Price, 1983. Lake Michigan fish consumption as a source of polychlorinated biphenyls in human cord serum, maternal serum, and milk. *American Journal of Public Health*, 73: 293–296.
- SCTEE, 1999. Human and wildlife health effects of endocrine disrupting chemicals with emphasis on wildlife and on ecotoxicology test methods. Committee for Toxicity and the environment (SCTEE). <http://europa.eu.int/comm/food/fs/sc/sct/out37>.
- Selden, A.I., Y. Nygren, H.B. Westberg and L.S. Bodin, 1997. Hexachlorobenzene and octachlorostyrene in plasma of aluminium foundry workers using hexachloroethane for degassing. *Occupational and Environmental Medicine*, 54:613–618.
- Selevan, S.G., C.A. Kimmel and P. Mendola, 2000. Identifying critical windows of exposure for children's health. *Environmental Health Perspectives*, 108(3):451–455.
- Semba, R.D., 1994. Vitamin A, immunity, and infection. *Clinical Infectious Diseases*, 19:489–499.
- Semba, R.D., Muhilal, B.J. Ward, D.E. Griffin, A.L. Scott, G. Natadisastra, K.P. West, Jr., and A. Sommer, 1993. Abnormal T-cell subset proportions in vitamin-A-deficient children. *Lancet*, 341:5–8.
- Shaham, J., A. Meltzer, R. Ashkenazi and J. Ribak, 1996. Biological monitoring of exposure to cadmium, a human carcinogen, as a result of active and passive smoking. *Journal of Occupational and Environmental Medicine*, 38:1220–1228.
- Sharma, M. and P. Bhatnagar, 1996. Organochlorine pesticides and preterm labour in human beings. *Current Science*, 71(8): 628–631.
- Sharpe, R.M., 1993. Declining sperm counts in men – is there an endocrine cause? *Journal of Endocrinology*, 136:357–360.
- Sharpe, R.M., 1994. In: E. Knobil and J.D. Neill (eds.), *The Physiology of Reproduction*, pp. 1363–1434. Raven Press, New York.
- Sharpe, R.M. and N.E. Skakkebaek, 1993. Are oestrogens involved in falling sperm counts and disorders of the male reproductive tract? *Lancet*, 341:1392–1395.
- Sherlock, J., J. Hislop, D. Newton, G. Topping and K. Whittle, 1984. Elevation of mercury in human blood from controlled chronic ingestion of methylmercury in fish. *Human Toxicology*, 3(2):117–131.
- Shu, X.O., M.C. Hatch, J. Mills, J. Clemens and M. Susser, 1995. Maternal smoking, alcohol drinking, caffeine consumption, and fetal growth: results from a prospective study. *Epidemiology*, 6:115–120.
- Shultz, J.M., D.P. Rice, D.L. Parker, R.A. Goodman, G. Stroh and N. Chalmers, 1991. Quantifying the disease impact of alcohol with ARDI software. *Public Health Reports*, 106:443–450.
- Schuur, A.G., F.F. Legger, M.E. van Meeteren, M.J. Moonen, I. van Leeuwen-Bol, A. Bergman, T.J. Visser and A. Brouwer, 1998. In vitro inhibition of thyroid hormone sulfation by hydroxylated metabolites of halogenated aromatic hydrocarbons. *Chemical Research in Toxicology*, 11:1075–1081.
- Simopolous, A.P., 1991. Omega fatty acids in health and disease and in growth and development. *American Journal of Clinical Nutrition*, 54:438.
- Simopolous, A.P., 1999. Human Requirement for n-3 polyunsaturated fatty acids. *Poultry Science*, 79(7):961–970.
- Simpura, J., C. Tigerstedt, S. Hanhinen, M. Lagerspetz, H. Leifman, J. Moskalewicz and J. Torronen, 1999. Alcohol misuse as a health and social issue in the Baltic Sea region. A summary of findings from the Baltica Study. *Alcohol and Alcoholism*, 34: 805–823.
- Singleton, R.J., N.M. Davidson, I.J. Desmet, J.E. Berner, R.B. Wainwright, L.R. Bulkow, C.M. Lilly and G.R. Siber, 1994. Decline of Hemophilus influenza type B disease in a region of high risk: impact of active and passive immunization. *Pediatric Infectious Disease Journal*, 13:362–367.
- Sjodin, A., L. Hagmar, E. Klasson-Wehler, J. Bjork and A. Bergman, 2000. Influence of the consumption of fatty Baltic Sea fish on plasma levels of halogenated environmental contaminants in Latvian and Swedish men. *Environmental Health Perspectives*, 108:1035–1041.
- Skaare, J.U., A. Bernhoft, A. Derocher, G.W. Gabrielsen, A. Goksoyr, E. Henriksen, H.J. Larsen, E. Lie and Ø. Wiig, 2000. Organochlorines in top predators at Svalbard – occurrence, levels and effects. *Toxicology Letters*, 112:103–109.
- Smith, S.M. and J.P. Middaugh, 1986. Injuries associated with three-wheeled, all-terrain vehicles, Alaska, 1983 and 1984. *Journal of the American Medical Association*, 255:2454–2458.
- Smith, A.H., C. Hopenhayn-Rich, M.N. Bates, H.M. Goeden, I. Hertz-Picciotto, H.M. Duggan, R. Wood, M.J. Kosnett and

- M.T. Smith, 1992. Cancer risks from arsenic in drinking water. *Environmental Health Perspectives*, 97:259–267.
- Smith, A.H., E.O. Lingas and M. Rahman, 2000. Contamination of drinking-water by arsenic in Bangladesh: a public health emergency. *Bulletin of the World Health Organization*, 78:1093–1103.
- SOA, 2001. Mercury and National Fish Advisories. Statement from Alaska Division of Public Health. Recommendations for Fish Consumption in Alaska. Bulletin No. 6 June 15 2001. State of Alaska.
- Sohlenius, A.K., A.M. Eriksson, C. Hogstrom, M. Kimland and J.W. De Pierre, 1993. Perfluorooctane sulfonic acid is a potent inducer of peroxisomal fatty acid beta-oxidation and other activities known to be affected by peroxisome proliferators in mouse liver. *Pharmacology and Toxicology*, 72:90–93.
- Sohoni, P. and J.P. Sumpter, 1998. Several environmental oestrogens are also anti-androgens. *Journal of Endocrinology*, 158:327–339.
- Soininen, L., H. Mussalo-Rauhamaa and R. Vitikka, 2000. Abstracts of presentations at the workshop on Persistent Organic Pollutants (POPs) in the Arctic: Human Health and Environmental Concerns. Rovaniemi, Finland, January 18–20, 2000.
- Sommer, A. and K.P. West, 1996. Vitamin A Deficiency: Health, Survival and Vision. Oxford University Press, New York.
- Sonnenschein, C., A.M. Soto, M.F. Fernandez, N. Olea, M.F. Olea Serrano and M.D. Ruiz Lopez, 1995. Development of a marker of estrogenic exposure in human serum. *Clinical Chemistry*, 41:1888–1895.
- Sorensen, T.I., 2000. The changing lifestyle in the world. Body weight and what else? *Diabetes Care*, 23(2):B1–B4.
- Sorensen, N., K. Murata, E. Budtz-Jorgensen, P. Weihe and P. Grandjean, 1999. Prenatal methylmercury exposure as a cardiovascular risk factor at seven years of age. *Epidemiology*, 10(4):370–375.
- Soto, A.M., K.L. Chung and C. Sonnenschein, 1994. The pesticides endosulfan, toxaphene, and dieldrin have estrogenic effects on human estrogen-sensitive cells. *Environmental Health Perspectives*, 102:380–383.
- Spink, D.C., H.P. Eugster, D.W. Lincoln, 2nd, J.D. Schuetz, E.G. Schuetz, J.A. Johnson, L.S. Kaminsky and J.F. Gierthy, 1992a. 17 beta-estradiol hydroxylation catalyzed by human cytochrome P450 1A1: a comparison of the activities induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in MCF-7 cells with those from heterologous expression of the cDNA. *Archives of Biochemistry and Biophysics*, 293:342–348.
- Spink, D.C., D.W. Lincoln II, J.A. Johnson, H.W. Dickerman and J.F. Gierthy, 1992b. Stimulation of 17 beta-estradiol metabolism in MCF-7 breast cancer cells by 2,3,7,8-tetrachlorodibenzo-P-dioxin. *Chemosphere*, 25:87–90.
- Spink, D.C., C.L. Hayes, N.R. Young, M. Christou, T.R. Sutter, C.R. Jefcoate and J.F. Gierthy, 1994. The effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on estrogen metabolism in MCF-7 breast cancer cells: evidence for induction of a novel 17 beta-estradiol 4-hydroxylase. *Journal of Steroid Biochemistry & Molecular Biology*, 51:251–258.
- Spink, D.C., B.C. Spink, J.Q. Cao, J.A. DePasquale, B.T. Pentecost, M.J. Fasco, Y. Li and T.R. Sutter, 1998. Differential expression of CYP1A1 and CYP1B1 in human breast epithelial cells and breast tumor cells. *Carcinogenesis*, 19:291–298.
- Stark, K., G. Mulvad, H.S. Pedersen, E. Park, E. Dewailly and B. Holub, 1999. The fatty acid composition of serum phospholipids of postmenopausal women from Greenland and Canada. The 91th meeting of American Oil Chemists.
- Stenback, F. and P. Saukko, 1996. Alcohol-associated deaths and their geographical locations. *Arctic Medical Research*, 44: 42–47.
- Stengel, B., M.J. Saurel-Cubizolles and M. Kaminski, 1986. Pregnant Immigrant Women: Occupational Activity, Antenatal Care and Outcome. *International Journal of Epidemiology*, 15:533–539.
- Steuerswald, U., P. Weihe, P.J. Jorgensen, K. Bjerve, J. Brock, B. Heinzow, E. Budtz-Jorgensen and P. Grandjean, 2000. Maternal seafood diet, methylmercury exposure, and neonatal neurologic function. *Journal of Pediatrics*, 136:599–605.
- Stewart, P., T. Darvill, E. Lonky, J. Reihman, J. Pagano and B. Bush, 1999. Assessment of prenatal exposure to PCBs from maternal consumption of Great Lakes fish: An analysis of PCB pattern and concentration. *Environmental Research Section A*, 80:S87–S96.
- Stewart, P., J. Reihman, E. Lonky, T. Darvill and J. Pagano, 2000. Prenatal PCB exposure and neonatal behavioral assessment scale (NBAS) performance. *Neurotoxicology and Teratology*, 22:21–29.
- Strand, K., E. Wergeland and T. Bjerkedal, 1996. Fertility patterns according to occupational grouping in Norway, 1989. *Scandinavian Journal of Social Medicine*, 1:50–54.
- Strand, K., E. Wergeland and T. Bjerkedal, 1997a. Job adjustment as a means to reduce sickness absence during pregnancy. *Scandinavian Journal of Work Environment & Health*, 23:378–384.
- Strand, K., E. Wergeland and T. Bjerkedal, 1997b. Work load, job control and risk of leaving work by sickness certification before delivery, Norway 1989. *Scandinavian Journal of Social Medicine*, 25:193–201.
- Stratton, K., C. Howe and F. Battaglia (eds.), 1996. Fetal Alcohol Syndrome. Diagnosis, Epidemiology, Prevention, and Treatment. National Academy Press, Washington, D.C.
- Thomassen, Y., E. Nieboer, D. Ellingsen, S. Hetland, T. Norseth, J.O. Odland, N. Romanova, S. Chernova and V.P. Tchachtchine, 1999. Characterization of worker's exposure in a Russian nickel refinery. *Journal of Environmental Monitoring*, 1: 15–25.
- Thrasher, J.D., 2000. Are chlorinated pesticides a causation in maternal mitochondrial DNA (mtDNA) mutations? *Archives of Environmental Health*, 55:292–294.
- Tilson, H.A., J.L. Jacobson and W.J. Rogan, 1990. Polychlorinated biphenyls and the developing nervous system: cross-species comparisons. *Neurotoxicology and Teratology*, 12:239–248.
- To-Figueras, J., C. Barrot, M. Sala, R. Otero, M. Silva, M.D. Ozailla, C. Herrero, J. Corbella, J. Grimalt and J. Sunyer, 2000. Excretion of hexachlorobenzene and metabolites in feces in a highly exposed human population. *Environmental Health Perspectives*, 108:595–598.
- Tomy, G.T., A.T. Fisk, J.B. Westmore and D.C.G. Muir, 1998. Environmental chemistry and toxicology of polychlorinated n-alkanes. *Reviews of Environmental Contamination and Toxicology*, 158:53–128.
- Tremblay, N.W. and A.P. Gilman, 1995. Human health, the Great Lakes, and environmental pollution: a 1994 perspective. *Environmental Health Perspectives*, 103(9):3–5.
- Tseng, W-P., 1977. Effects and dose-response relationships of skin cancer and Blackfoot disease with arsenic. *Environmental Health Perspectives*, 19:109–119.
- Tsuchiya, H., S. Shima, H. Kurita, T. Ito, Y. Kato, Y. Kato and S. Tachikawa, 1987. Effects of maternal exposure to six heavy metals on fetal development. *Bulletin of Environmental Contamination and Toxicology*, 38:580–587.
- Uauy, R., D.G. Birch, E.E. Birch, J.E. Tyson and D.R. Hoffman, 1990. Effects of dietary omega-3 fatty acids on retinal function of very-low-birth-weight neonates. *Pediatric Research*, 28(5):485–492.
- Ubelaker, D.H., 1992. North American Indian population size: changing perspectives. In: J.W. Verano and D.H. Ubelaker (eds.). Disease and Demography in the Americas, pp. 169–76. Smithsonian Institution Press.
- Upham, B.L., N.D. Deocampo, B. Wurl and J.E. Trosko, 1998. Inhibition of gap junctional intercellular communication by perfluorinated fatty acids is dependent on the chain length of the fluorinated tail. *International Journal of Cancer*, 78:491–495.
- Ursin, G., S. London, F.Z. Stanczyk, E. Gentzschlein, A. Paganini Hill, R.K. Ross and M.C. Pike, 1997. A pilot study of urinary estrogen metabolites (16alpha-OHE1 and 2-OHE1) in postmenopausal women with and without breast cancer. *Environmental Health Perspectives*, 105(3):601–605.
- US EPA, 1991. National air quality and emission trends report. Research Triangle Park, North Carolina, U.S. Environmental Protection Agency (EPA-450/4-91-023).
- USGS, 1996. U.S. Geological Survey and U.S. Bureau of Mines, Mineral Commodities Summaries: Lead Statistics, Washington DC.
- USGS, 2001a. U.S. Geological Survey Open-File Report 01-006, Historical Statistics for Mineral Commodities in the United States.

- USGS, 2001b. U.S. Geological Survey Open-File Report 01-006, Historical Statistics for Mineral Commodities in the United States.
- USGS, 2001c. U.S. Geological Survey Open-File Report 01-006, Historical Statistics for Mineral Commodities in the United States.
- US IHS, 2000. Regional differences in Indian health 1998–99. Department of Health and Human Services. US Indian Health Service. 113 pp.
- Vacchio, M.S., J.D. Ashwell and L.B. King, 1998. A positive role for thymus-derived steroids in formation of the T-cell repertoire. *Annals of the New York Academy of Sciences*, 840:317–327.
- van den Berg, K.J., 1990. Interaction of chlorinated phenols with thyroxine binding sites of human transthyretin, albumin and thyroid binding globulin. *Chemico-Biological Interactions*, 76: 63–75.
- van den Berg, K.J., J.A. van Raaij, P.C. Bragt and W.R. Notten, 1991. Interactions of halogenated industrial chemicals with transthyretin and effects on thyroid hormone levels *in vivo*. *Archives of Toxicology*, 65:15–19.
- Van Loveren, H., D. Germolec and H.S. Koren, 1999. Report of the Bilthoven Symposium: Advancement of Epidemiological Studies in Assessing the Human Effects of Immunotoxic Agent in the Environment and the Workplace. *Biomarkers*, 4:135–157.
- Van Oostdam, J., A. Gilman, E. Dewailly, P. Usher, B. Wheatly, H.V. Kuhnlein, S. Neve, J. Walker, B. Tracy, M. Feely, V. Jerome and B. Kwavnick, 1999. Human health implications of environmental contaminants in Arctic Canada: A review. *Science of the Total Environment*, 230:1–82.
- Van Oostdam, J.C., E. Dewailly, A. Gilman, J.C. Hansen, J.P. Weber, J.O. Odland, V. Tchaatchchine, J. Berner, J. Walker, B.J. Lagerkvist, K. Olafsdottir, L. Soininen, P. Bjerregard and V. Klopov, in prep. Circumpolar Blood Contaminant Survey 1994–1997.
- van't Veer, P., I.E. Lobbezoo, J.M. Martín-Moreno, E. Guallar, J. Gómez Aracena, A.F.M. Kardinaal, L. Kohlmeier, B.C. Martin, J.J. Strain, M. Thamm, M.P. van Zoonen, B.A. Baumann, J.K. Huttunen and F.J. Kok, 1997. DDT (dicophane) and postmenopausal breast cancer in Europe: case-control study. *British Medical Journal*, 315:81–85.
- Van Waelegem, K., N. De Clercq, L. Vermeulen, F. Schoonjans and F. Comhaire, 1996. Deterioration of sperm quality in young healthy Belgian men. *Human Reproduction*, 11:325–329.
- Vercauteren, J., C. Peres, C. Devos, P. Sandra, F. Vanhaecke and L. Moens, 2001. Stir bar sorptive extraction for the determination of ppq-level traces of organotin compounds in environmental samples with thermal desorption-capillary gas chromatography-ICP mass spectrometry. *Analytical Chemistry*, 73:1509–1514.
- Verkerk, P.H., S.E. Buitendijk and S.P. Verloove-Vanhorick, 1994. Differential misclassification of alcohol and cigarette consumption by pregnancy outcome. *International Journal of Epidemiology*, 23:1218–1225.
- Villeneuve, D.L., K. Kannan, J.S. Khim, J. Falandysz, V.A. Nikiforov, A.L. Blakenship and J.P. Giesy, 2000. Relative potencies of individual polychlorinated naphthalenes to induce dioxin-like responses in fish and mammalian *in vitro* bioassays. *Archives of Environmental Contamination and Toxicology*, 39:273–281.
- Vinggaard, A.M., C. Hnida and J.C. Larsen, 2000. Environmental polycyclic aromatic hydrocarbons affect androgen receptor activation *in vitro*. *Toxicology*, 145:173–183.
- Voldner, E.C. and Y.F. Li, 1993. Global usage of toxaphene. *Chemosphere*, 27:2073–2078.
- Voldner, E.C. and Y.F. Li, 1995. Global usage of selected persistent organochlorines. *Science of the Total Environment*, 160/161: 201–210.
- Vos, J.G. and M.I. Luste, 1989. Immune alterations. In: Kimbrough and Jensen (eds.), Halogenated biphenyls, terphenyls, naphthalenes, dibenzodioxin and related products. pp. 295–322. Elsevier Science Publishers, New York.
- Wakita, Y., 1987. Hypertension induced by methyl mercury in rats. *Toxicology and Applied Pharmacology*, 189:144–147.
- Waldram, J.B., D.A. Herring and T.K. Young, 1995. Aboriginal health in Canada: Historical cultural, and epidemiological perspectives. Toronto, Canada: University of Toronto Press.
- Walker, J., J. Van Oostdam and E. McMullen, 2001. Human Contaminant Trends in Arctic Canada: Northwest Territories and Nunavut Environmental Contaminants Exposure Baseline. Final Technical Report. Department of Health and Social Services, Government of the Northwest Territories. Produced under contract to J. Walker.
- Walkowiak, J., J.A. Wiener, A. Fastabend, B. Heinzow, U. Kramer, E. Schmidt, H.J. Steingruber, S. Wundram and G. Winneke, 2001. Environmental exposure to polychlorinated biphenyls and quality of the home environment: effects on psychodevelopment in early childhood. *Lancet*, 358:1602–1607.
- Ward, J.I., M.K. Lum, D.B. Hall, D.R. Silimperi and T.R. Bender, 1986. Invasive Haemophilus influenzae type b disease in Alaska: background epidemiology for a vaccine efficacy trial. *Journal of Infectious Diseases*, 153:17–26.
- Ward, J.I., J.M. Liebman and S.L. Cochi, 1994. Haemophilus influenzae vaccine. In: S.A. Plotkin (ed.), In vaccines, pp. 337–387. WB Saunders.
- Warkany, J. and D.M. Hubbard, 1953. Acrodynia and mercury. *Journal of Pediatrics*, 19:365–386.
- Weber, J.P., 1996. Quality in environmental toxicology measurements. *Therapeutic Drug Monitoring*, 18:477–483.
- Weihe, P., P. Grandjean and U. Steurwald, 2000. Pregnancy outcome in relation to contaminated maternal diet in the Faroe Islands. Proceedings of the Workshop on persistent organic pollutants in the Arctic: Human Health and environmental concerns, AMAP report 2000:1, Rovaniemi, 18–20 January.
- Weihe, P., J.C. Hansen, K. Murata, F. Debes, P. Jorgensen, U. Steuerwald, R.F. White and P. Grandjean, 2002. Neurobehavioral performance of inuit children with increased prenatal exposure to methylmercury. *International Journal of Circumpolar Health*, 61(1):41–49.
- Weisglas-Kuperus, N., T.C. Sas, C. Koopman-Esseboom, C.W. van der Zwan, M.A. De Ridder, A. Beishuizen, H. Hooijkaas and P.J. Sauer, 1995. Immunologic effects of background prenatal and postnatal exposure to dioxins and polychlorinated biphenyls in Dutch infants. *Pediatric Research*, 38:404–410.
- Weisglas-Kuperus, N., S. Patandin, G.A. Berbers, T.C. Sas, P.G. Mulder, P.J. Sauer and H. Hooijkaas, 2000. Immunologic effects of background exposure to polychlorinated biphenyls and dioxins in Dutch preschool children. *Environmental Health Perspectives*, 108:1203–1207.
- Weistrand, C. and K. Norén, 1998. Polychlorinated naphthalenes and other organochlorine contaminants in human adipose and liver tissue. *Journal of Toxicology and Environmental Health, Part A*, 53:293–311.
- Wergeland, E. and K. Strand, 1997. Working conditions and prevalence of pre-eclampsia, Norway 1989. *International Journal of Gynaecology and Obstetrics*, 58:1989–1996.
- Wergeland, E. and K. Strand, 1998a. Need for job adjustment in pregnancy. Early prediction based on work history. *Scandinavian Journal of Primary Health Care*, 16:90–94.
- Wergeland, E. and K. Strand, 1998b. Work pace control and pregnancy health in a population-based sample of employed women in Norway. *Scandinavian Journal of Work Environment & Health*, 24:206–212.
- Wergeland, E., K. Strand and T. Bjerkedal, 1996. Smoking in pregnancy: a way to cope with excessive workload? *Scandinavian Journal of Primary Health Care*, 14:21–28.
- Wergeland, E., K. Strand and P.E. Børdahl, 1998. Strenuous working conditions and birthweight, Norway 1989. *Acta Obstetrica et Gynecologica Scandinavica*, 77:263–271.
- Whalen, M.M., B.G. Loganathan and K. Kannan, 1999. Immunotoxicity of environmentally relevant concentrations of butyltins on human natural killer cells *in vitro*. *Environmental Research*, 81(2):108–116.
- Whanger, P.D., 1992. Selenium in the treatment of heavy metal poisoning and chemical carcinogenesis. *Journal of Trace Elements and Electrolytes in Health and Disease*, 6:209–221.
- Wheatley, B. and S. Paradis, 1998. Northern exposure: further analysis of the results of the Canadian aboriginal methylmercury program. *International Journal of Circumpolar Health*, 57(1): 586–590.
- White, K.L., Jr., H.H. Lysy, J.A. McCay and A.C. Anderson, 1986. Modulation of serum complement levels following exposure to polychlorinated dibenzo-p-dioxins. *Toxicology and Applied*

- Pharmacology*, 84:209–219.
- WHO, 1990. Evaluation of certain food additives and the contaminants mercury, lead and cadmium. Sixteenth report of the Joint FAO/WHO Committee of Food Additives. WHO Technical Report Series no 505. World Health Organization, Geneva.
- WHO, 1992. Environmental Health Criteria 134. Cadmium. World Health Organization, Geneva.
- WHO, 1995. Publication of the largest global study on cocaine use ever undertaken. World Health Organization, Geneva.
- WHO, 2000. Joint FAO/WHO Expert Committee on Food Additives. Evaluation of certain food additives and contaminants. Fifty-third report of the Joint FAO/WHO Expert Committee on Food Additives. WHO Technical Report Series. Geneva.
- Wysner, J. and G.M. Williams, 1996. 2,3,7,8-Tetrachlorodibenzo-p-dioxin mechanistic data and risk assessment: gene regulation, cytotoxicity, enhanced cell proliferation, and tumor promotion. *Pharmacology and Therapeutics*, 71:193–223.
- Wiberg, K., R.J. Letcher, C.D. Sandau, R.J. Norstrom, M. Tysklind and T.F. Bidleman, 2000. The enantioselective bioaccumulation of chiral chlordane and a-HCH contaminants in the polar bear food chain. *Environmental Science & Technology*, 34:2668–2674.
- Wiig, O., A.E. Derocher, M.M. Cronin and J.U. Skaare, 1998. Female pseudohermaphrodite polar bears at Svalbard. *Journal of Wildlife Diseases*, 34:792–796.
- Wilcox, A.J., D.D. Baird, C.R. Weinberg, P.P. Hornsby and A.L. Herbst, 1995. Fertility in men exposed prenatally to diethylstilbestrol. *New England Journal of Medicine*, 332:1411–1416.
- Wilkinson, T.J., B.M. Colls and P.J. Schluter, 1992. Increased incidence of germ cell testicular cancer in New Zealand Maoris. *British Journal of Cancer*, 65:769–771.
- Willers, S., A. Axmon, C. Feyerabend, J. Nielsen, G. Skarping and S. Skerfving, 2000. Assessment of environmental tobacco smoke exposure in children with asthmatic symptoms by questionnaire and cotinine concentrations in plasma, saliva, and urine. *Journal of Clinical Epidemiology*, 53:715–721.
- Willet, W., 1998. Nutritional Epidemiology. Oxford University press. New York Oxford.
- Winneke, G., A. Bucholski, B. Heinzow, U. Kramer, E. Schmidt, J. Walkowiak, J.A. Wiener, and H.J. Steingruber, 1998. Developmental neurotoxicity of polychlorinated biphenyls (PCBS): cognitive and psychomotor functions in 7-month old children. *Toxicology Letters*, 28;102–103:423–428.
- Wolff, M.S. and P.G. Toniolo, 1995. Environmental organochlorine exposure as a potential etiologic factor in breast cancer. *Environmental Health Perspectives*, 103(7):141–145.
- Wolff, M.S., P.G. Toniolo, E.W. Lee, M. Rivera and N. Dubin, 1993. Blood levels of organochlorine residues and risk of breast cancer. *Journal of the National Cancer Institute*, 85:648–653.
- Wong, T.K., R.B. Everson and S.T. Hsu, 1985. Potent induction of human placental mono-oxygenase activity by previous dietary exposure to polychlorinated biphenyls and their thermal degradation products. *Lancet*, 1:721–724.
- Yamabe, Y., A. Hoshino, N. Imura, T. Suzuki and S. Himeno, 2000. Enhancement of androgen-dependent transcription and cell proliferation by tributyltin and triphenyltin in human prostate cancer cells. *Toxicology and Applied Pharmacology*, 169:177–184.
- Yamashita, S. and Y. Yamamoto, 1997. Simultaneous detection of ubiquinol and ubiquinone in human plasma as a marker of oxidative stress. *Analytical Biochemistry*, 250:66–73.
- Yang, G.Q., R.H. Gu, S.A. Zhou, L. Yin, B. Gu, Y.Q. Yan and Y.Q. Lin, 1989. Studies of safe maximal dietary Se-intake in a Seleniferous Area in China. Part 1. Selenium intake and tissue selenium levels of the inhabitants. *Journal of Trace Elements and Electrolytes in Health and Disease*, 3:77–87.
- Yee, S. and B.H. Choi, 1996. Oxidative stress in neurotoxic effects of methylmercury poisoning. *Neurotoxicology*, 17:17–26.
- Yip, R., P.J. Limburg, D.A. Ahlquist and H.A. Carpenter, 1997. Pervasive occult gastrointestinal bleeding in Alaska native population with prevalent iron deficiency. Role of *Helicobacter pylori* gastritis. *Journal of the American Medical Association*, 277(14): 1135–1139.
- Young, T.K., 1994. The health of Native Americans: Toward a biocultural epidemiology. New York, Oxford University Press.
- Young, T.K., C.D. Schraer, E.V. Shubnikoff, E.J.E. Szathmary and Y. Nikitin, 1992. Prevalence of diagnosed diabetes in circumpolar Indigenous populations. *International Journal of Epidemiology*, 21(4):730–736.
- Young, T.K., J.M. Gerrard and J.D. O'Neill, 1999. Plasma phospholipid fatty acids in the central Canadian Arctic: Biocultural explanations for ethnic differences. *American Journal of Physical Anthropology*, 109:9–18.
- Yu, M.L., C.C. Hsu, B.C. Gladen and W.J. Rogan, 1991. *In utero* PCB-PCDF exposure: relation of developmental delay to dysmorphology and dose. *Neurotoxicology and Teratology*, 13: 195–202.
- Zdolsek, J.M., O. Soder and P. Hultman, 1994. Mercury induces *in vivo* and *in vitro* secretion of interleukin-1 in mice. *Immunopharmacology*, 28:201–208.
- Zenzes, M.T., S. Krishnan, B. Krishnan, H. Zg and R.F. Casper, 1995. Cadmium accumulation in follicular fluid of women in *in vitro* fertilization-embryo transfer is higher in smokers. *Fertility and Sterility*, 64:599–603.
- Zile, M.H., 1992. Vitamin A homeostasis endangered by environmental pollutants. *Proceedings of the Society for Experimental Biology and Medicine*, 201:141–153.
- Zinkernagel, R.M., 1993. Immunity to viruses. In: W.E. Paul (ed.), *Fundamental immunology*, pp. 1211–1250. Raven press, New York.

Abbreviations

AA	Arachidonic acid (n-3 fatty acid)	MeHg	Methylmercury
AAS	Atomic absorption spectrophotometry	MMA	Methylarsonic acid
AEPS	Arctic Environmental Protection Strategy	mRNA	Messenger RNA (ribonucleic acid)
AHH	Aryl hydrocarbon hydroxylase	mtDNA	Mitochondrial DNA (deoxyribonucleic acid)
AhR	Aryl hydrocarbon receptor	NAAEC	North American Agreement on Environmental Cooperation
ALWI	Allowable lifetime weekly intake	NK cells	Natural killer cells
AMAP	Arctic Monitoring and Assessment Programme	NOAEL	No observed adverse effect level
anti-PRB	Anti polyribosylribitol phosphate	NWT	Northwest Territories (Canada)
BFRs	Brominated flame retardants	OCs	Organochlorines
BMD	Benchmark dose	OCS	Octachlorostyrene
BMDL	Benchmark dose lower confidence limit	OH-PCBs	Hydroxylated metabolites of PCBs
BMI	Body mass index	Ox-LDL	Oxidized low-density lipoprotein
C ⁻ system	Complement system	PAHs	Polycyclic aromatic hydrocarbons
Cd	Cadmium	Pb	Lead
CFCs	Chlorofluorocarbons	PBBs	Polybrominated biphenyls
CHBs	Chlorinated bornanes	PBDE 209	Decabromo diphenylether
CI	Confidence interval	PBDEs	Polybrominated diphenylethers
CINE	Centre for Indigenous Peoples' Nutrition and Environment (Canada)	PCAs	Polychlorinated- <i>n</i> -alkanes
CYP	Cytochrome P450	PCB	Polychlorinated biphenyl
CYP1A1	Cytochrome P450 1A1	PCCs	Polychlorinated camphenes
CYP1A2	Cytochrome P450 1A2	PCDDs	Polychlorinated dibenzo- <i>p</i> -dioxins
DBCP	Dibromochloropropane	PCDFs	Polychlorinated dibenzofurans
DDD	1,1-dichloro-2,2-bis(<i>p</i> -chlorophenyl)ethane	PCNs	Polychlorinated naphthalenes
DDE	1,1-dichloro-2,2-bis(<i>p</i> -chlorophenyl)ethene	PCP	Pentachlorophenol
DDT	1,1,1-trichloro-2,2-bis(<i>p</i> -chlorophenyl)ethane	PeCP	Pentachlorophenol
DES	Diethylstilbestrol	PFOS	Perfluorooctane sulfonate
DHA	Docosahexaenoic acid (an n-3 fatty acid)	POP	Persistent organic pollutant
DHEA	Dehydroepiandrosterone	PTS	Persistent toxic substance
DHT	Dihydrotestosterone	PTWI	Provisional tolerable weekly intake
DMA	Dimethylarsinic acid	QA	Quality assurance
DMF	Decayed, missing, or filled teeth	QC	Quality control
ECD	Electron capture detection	RDI	Recommended daily intake
EDSTAC	Endocrine Disrupter Screening and Testing Advisory Committee (U.S. EPA)	RfD	Reference dose
EPA	Eicosapentaenoic acid (an n-3 fatty acid)	RR	Relative risk
ER	Estrogen receptor	RSV	Respiratory Syncytial Virus
EROD	Ethoxyresorufin- <i>O</i> -deethylase	SAD	Seasonal Affective Disorder
FAS	Fetal Alcohol Syndrome	SCCPs	Short-chained chlorinated paraffins
FFQ	Food frequency questionnaire	Se	Selenium
FSH	Follicle stimulating hormone	SHBG	Sex hormone-binding globulin
GC	Gas chromatography	SIDS	Sudden Infant Death Syndrome
GF	Graphite furnace	SIR	Standardized incidence ratio
GGT	g-glutamyl transferase	SQFFQ	Semi-quantitative food frequency questionnaire
GSHPx	Glutathione peroxidase	STD	Sexually transmitted disease
GSHRd	Glutathione reductase	TBBPA	Tetrabromobisphenol A
HCB	Hexachlorobenzene	TBG	Thyroxin binding globulin
HCH	Hexachlorocyclohexane	TBT	Tributyltin
HDL	High-density lipoprotein	TBTO	Tributyltin oxide
Hg	Mercury	TCDD	2,3,7,8-tetrachlorodibenzo- <i>p</i> -dioxin
Hib	Hemophilus Influenza type b	TDI	Tolerable daily intake
HIV	Human Immunodeficiency Virus	TEF	Toxic Equivalency Factor
HPLC	High-performance liquid chromatography	TEQ	TCDD equivalents
HSV-2	Herpes Simplex Virus 2	TSH	Thyroid stimulating hormone
ICI 182,780	Manufactured trivial name for a pure antiestrogen	UN ECE	United Nations Economic Commission for Europe
ICP-MS	Inductively-coupled plasma-mass spectrometry	UNEP	United Nations Environment Programme
IQ	Intelligence quotient	US EPA	U.S. Environmental Protection Agency
ITK	Inuit Tapiriit Kanatami (ITK), previously the Inuit Tapirisat of Canada (ITC)	US FDA	U.S. Food and Drug Administration
LDL	Low-density lipoprotein	US NRC	U.S. National Research Council
LH	Luteinizing hormone	UV-B	Ultraviolet-B radiation
lw	Lipid weight	VLDL	Very low density lipoprotein
MCV	Mean cell volume	WHO	World Health Organization
		ΣPCB ₁₀	Sum of specified number of chlorobiphenyl congeners