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Home

Naboløs 4  
DK-1206 Copenhagen  
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Department of Pharmaceutical and Biomedical Sciences  
University of Rhode Island, RI  
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Academic degrees

1974, M.D., University of Copenhagen  
1975, Diploma in basic medical research, University of Copenhagen  
1979, D.M.Sc. (dr.med.), University of Copenhagen

Chronology of employment

1974-1975 Postgraduate training fellowship, University of Copenhagen  
1975-1978 Research fellow, Institute of Hygiene, Univ. Copenhagen  
1978-1980 Senior research fellow, University of Copenhagen  
Visiting fellow, Department of Community Medicine,  
Mount Sinai School of Medicine, New York  
1980-1982 Director, Department of Occupational Medicine,  
Danish National Institute of Occupational Health  
1982- Professor of Environmental Medicine, Odense University  
1983-2017 Consultant in Toxicology, Danish Health Authority  
1994-2002 Adjunct Professor of Public Health (Environmental Health)  
and Neurology, Boston University School of Medicine, Boston  
2003- Adjunct Professor of Environmental Health, Harvard T.H.  
Chan School Public Health, Boston  
2022- Research Professor, Department of Biomedical and  
Pharmaceutical Sciences, University of Rhode Island

Awards and honors

Prize essay in medicine, University of Copenhagen (1972)  
Fulbright senior research scholarship (1978)  
Keynote speaker, Odense University anniversary (1983)  
Gitlitz Memorial Lecture, Association of Clinical Scientists, USA  
(1985)  
Fellow, Collegium Ramazzini (1987)  
Knight of the Dannebrog, awarded by the Queen of Denmark (1990)  
The Dannin prize for medical research (1991)  
Fellow, American Association for the Advancement of Science (1994)  
Irish Congress Lecturer, Royal College of Physicians of Ireland and

Irish Society of Toxicology (1996)  
Knight of the Dannebrog, First Degree, awarded by the Queen of Denmark (2003)  
'Mercury madness award' for excellence in science in the public interest from eight US environmental organizations (2004)  
Emeritus Fellow, International Union of Pure and Applied Chemistry, IUPAC (2009)  
Honorary Research Award, International Order of Odd Fellows (2010)  
Science Communication Award, University of Southern Denmark (2012)  
Bernardino Ramazzini Award (2015)  
Basic & Clinical Pharmacology & Toxicology Nordic Award (2015)  
Margrethegaarden honorary prize (2016)  
John R. Goldsmith Award, International Society for Environmental Epidemiology (2016)  
Honorary doctorate (dr.h.c.), Katholieke Universiteit Leuven (2022)  
Needleman Award in Children's Environmental Health, International Society for Children's Health and the Environment (2022)  
International Francqui Chair, Université Libre de Bruxelles (2023)

#### Editorial boards

American Journal of Industrial Medicine (1987-2017)  
Applied Organometal Chemistry (1985-1991)  
Arbejdsmiljø (Occupational Environment, in Danish, 1983-1990)  
Archives of Environmental Health (European Editor, 1986-1992)  
Archives of Toxicology (1987-2020)  
Biomarkers (1996-2001)  
Central European Journal of Occupational and Environmental Medicine (2015-)  
Critical Reviews in Toxicology (1985-2012)  
Danish Medical Bulletin (1994-2003)  
Environmental Health (Editor-in-Chief, 2002-)  
Environmental Health Perspectives (2003-2009)  
Environmental Research (1981-1994 and 2014-2017, Associate Editor, 1995-2014)  
Industrial Health (2000-2005)  
International Journal of Hygiene and Environmental Health (2001-)  
International Journal of Occupational and Environmental Health (1994-2011)  
International Journal of Occupational Medicine & Environ Health (1991-  
Journal of Clean Technology, Environmental Toxicology, and Occupational Medicine (1992-1998)  
Journal of Environmental Medicine (1998-1999)  
Naturens Verden (Natural Science, in Danish) (1987-1991)  
Ugeskrift for Læger (Danish Medical Journal, in Danish) (1991-2007)

#### Scientific societies

American Association for the Advancement of Science (Fellow, 1994)  
Collegium Ramazzini (Fellow, 1987; Member of the Council, 2005-2013)  
Danish Medical Association  
Danish Societies of Clinical Chemistry, Epidemiology, Occupational and Environmental Medicine, and Public Health

Faroese Society of Science and Letters  
International Society for Environmental Epidemiology  
International Society for Children's Health and the Environment

Teaching experience

Professor of Environmental Medicine, Odense University (University of Southern Denmark) (1982-). Member of curriculum committee.  
Coordinator, Global & Public Health class (-2022).  
Adjunct Professor of Public Health (Environmental Health) and Neurology, Boston University School of Medicine, Boston (1994-2002)  
Adjunct Professor of Environmental Health, Harvard T.H.Chan School of Public Health, Boston (2003-22)  
Invited teacher, École des hautes études en santé publique (EHESP, French school of public health) (2009-22)  
International: Numerous teaching assignments, including guest lectures at universities and related tasks, e.g., as external examiner, National University of Singapore (1995). External evaluator of PhD theses from other universities, including University of Sydney and University of South Pacific (Fiji). Course teacher, Teikyo University (2019).

Research support as Principal Investigator since 2000

2000-2006 NIEHS

Mercury associated neurobehavioral deficit in children

2001-2003 Nordic Arctic Research Programme (NARP)

Changing patterns of biomagnified pollutants in the northern marine environment

2001-2004 Danish Medical Research Council

Exposure assessment for endocrine disruptors

2002-2004 Danish Medical Research Council

Environmental epidemiology research

2003-2004 European Commission

Assessment of Neurobehavioral Endpoints and Markers of Neurotoxicant Exposures (ANEMONE)

2003-2005 Danish Medical Research Council

Research in hormone related substances

2003-2006 NIEHS ES11687

Effects of perinatal disruptors in children

2003-2007 EPA STAR RD-83075801-0

Children's vulnerability to environmental immunotoxicant

2004-2011 NIEHS ES12199

Epidemiology of immunotoxicant exposure in children

2006-2011 NIEHS ES13692

Health effects of lifetime exposure to food contaminants

2006-2012 NIEHS ES14460

Three-generation human study of reproductive effects of marine food contaminants

2008-2012 Danish Council for Strategic Research

Environmental pollutant impact on antibody production against current and new childhood vaccines

2007-2013 NIEHS ES009797

Mercury associated neurobehavioral deficit in children  
2011-2017 NIEHS ES012199  
Epidemiology of immunotoxicant exposure in children  
2012-2020 NIEHS ES021993 and NSF OCE-1321612  
Immunotoxicity in Humans with Lifetime Exposure to Ocean Pollutants  
2013-2019 NIEHS ES021477  
Glucose Metabolism in Adults Prenatally Exposed to Diabetogenic  
Pollutants  
2013-2018 NIEHS ES021372  
Pollutant-related diabetes in the Nurses' Health Study II  
2014-2020 NIEHS ES023376  
Gut Microbiome in Adults with Early Life Exposures to Environmental  
Chemicals  
2017-2020 NIEHS ES026596  
Inflammation and metabolic abnormalities in pollutant-exposed children  
2017-2027 NIEHS P42 ES027706 (Joint PI)  
Sources, Transport, Exposure and Effects of PFASs (STEEP) Center

Major Current Funding as Principal Investigator

2019-2024 ATSDR TS000313 (Joint PI)  
Assessment of PFAS exposures and health effects in two Massachusetts  
communities with PFAS drinking water contamination  
2020-2024 NIEHS ES030394 (PI)  
Vulnerability During Infancy to Immunotoxic Contaminant Exposures 2022-  
2022-2027 NIEHS P42 ES027706 (Joint PI)  
Sources, Transport, Exposure and Effects of PFASs (STEEP2) Center

Major committees, boards and elective offices

*Danish:*

Danish Medical Association: Member, Prevention Council (2011-2014)  
Danish Medical Research Council: Consultant on environmental  
medicine (1985-1990); Member, Joint Research Council Committee  
on Environmental Research (1986-1991); Member of DMRC (1992-1998)  
Danish Society of Community Medicine: Secretary (1977-1978)  
Danish Society of Industrial Medicine: Board Member (1974-1983)  
Ministry of Education: Member, Committee on Toxicology (1984-1986);  
Member, Committee on Environmental Education (1986-1987)  
Ministry of the Environment: Member, Council on Environmental  
Chemicals (1983-1989); Member, Environmental Appeal Board (1986-  
2010); Member, Environmental Research Council (1990-1992); Member,  
Advisory Committee on Pesticide Research (1995-2004 and 2018-2020);  
Member, Advisory Committee on Arctic Research (1996-2004)  
Ministry of Health: numerous committee appointments; Chair, Committee  
on Risk Perception (2000-2001)  
Ministry of Labour: Consultant on Occupational Health, Council on  
Occupational Safety and Health (1983-1993); Member, Occupational  
Health Council Research Committee (on behalf of the Danish Medical  
Research Council) (1984-1990 and 1999-2003)  
Ministry of Research: Chair, Committee on Research at the Faroe  
Islands (1995-1996); Member, Committee on Scientific Dishonesty  
(2004-2006); Chair, Program Committee on Non-Ionizing Radiation

(2004-2009)

Odense University (from 2000 University of Southern Denmark), elected offices: Chairman, Institute of Community Health (1982-1985; 1996-1999); Member of Executive Committee, Institute of Community Health (from 2000 Institute of Public Health) (1986-1995; 2000-2005); Member, Faculty Research Committee (1983-1985); Member, Curriculum Committee (1984-1986); Member, Faculty Council (1985-1993); Vice-Dean (1991-1993); Member, Scientific Integrity Committee (2003-)

*United States and international:*

Academy of Finland: member of panel evaluating the National Institute of Public Health (1995), site visit of center of excellence (2001)

Agency for Toxic Substances and Disease Registry: Workshop Rapporteur, Neurobehavioral Test Batteries for Use in Environmental Health Field Studies (1992); Member, Expert Panel of Mercury (1998)

Association of Schools of Public Health in the European Region: Treasurer (1975-1977)

BioMedCentral: Member, Editors Advisory Group (2011-2013)

Boston Environmental Hazards Center: Consultant (1994-1999)

Collegium Ramazzini: President, International Conference, The precautionary principle: Implications for research and prevention in environmental and occupational health (2002); Member, Executive Council (2005-2013)

Commission of the European Communities: National Expert, Working Party on Environmental and Lifestyle-Related Diseases (1988-1990); ad hoc Consultant for evaluation of research applications; ad hoc Scientific Advisor on Risk Assessment (2009-); Member, Scientific Committee on Emerging and Newly Identified Health Risks; - Working group on Dental Amalgam (Human Health) (2012-2013)

European Environment Agency: Member, Scientific Committee (2012-2020)

European Food Safety Authority: Member, Panel on Contaminants in the Food Chain responsible for 85 opinions (2003-2009); Member of Working Groups on mercury, polychlorinated biphenyls, cadmium, lead, and on benchmark dose

Food Advisory Committee, U.S.FDA, Methylmercury: invited expert (2002)  
International Agency for Research on Cancer: Member of Task Group,

Monographs on the Evaluation of Carcinogenic Risks to Humans, Vol. 47 (1988), Vol. 49 (1989), as chairman, Vol. 58 (1993), and as Subgroup chair, Vol. 100C (2009)

International Commission on Occupational Health: Danish Delegation Secretary (1982-90); Member, Scientific Committee on the Toxicology of Metals (1987-); Member of the Board (1990-1996)

International Programme on Chemical Safety: Member of Task Group, Environmental Health Criteria, Vol. 36 (1984) and 72 (1986)

International Society for Environmental Epidemiology: Councillor (1991-1994)

International Union of Pure and Applied Chemistry: Member, Subcommittee on the Toxicology of Nickel (1979-1989); Titular Member (1985-1991) and Chairman (1987-1991), Commission on Toxicology; Chairman, Subcommittee on Risk Assessment (1985-1989)

Institut Luxembourgeois de la Médecine/santé ENVironnementale

(ILUMEN) : Member, Scientific Council (2022-)

Instituto de Saude Ambiental, Lisboa, Portugal: Member, External Advisory Committee (2018-2020)

Karolinska Institute (Stockholm, Sweden) : Member of international evaluation panel on environmental medicine (1993)

Ministry for Scientific Policy (Belgium): Consultant on national research program on health hazards (1990 and 1994)

National Institutes of Health (USA): Member of Special emphasis panels (2009-)

NATO Priority Area Panel on Environmental Security: Member (1996-1997)

Norwegian Research Council: ad hoc reviewer (2001-2008); Chairman of Environment and Health Review Group (2009-2010); member of steering committee (2011-2015)

Prenatal Programming and Toxicity (PPTOX) conferences: Organizer/Chair/Co-chair, Torshavn (2007), Miami (2009), Paris (2012), Boston (2014), Kita-Kyushu (2016), Torshavn (2018), Chicago (2022)

Society of Occupational and Environmental Health: Member, Governing Council (1990-1993)

Swedish Council for Work Life Research: Member, Priority Committee on Chemical Health Risks (1997-1998)

U.N. Environment Programme: Member, Global Mercury Assessment Working Group (2002)

U.S. Environmental Protection Agency: Member, SAB/SAP Endocrine Disruptor Screening Program Subcommittee (1998-1999); Member, Food Quality Protection Act (FQPA) Science Review Board (SRB) (1999-2003)

White House Office of Science and Technology Policy: Team leader and presenter, Workshop on Scientific Issues Relevant to Assessment of Health Effects from Exposure to Methylmercury (1998)

World Health Organization: Temporary Adviser or Consultant on several occasions, five times elected Rapporteur; Member, European Advisory Committee on Health Research (2011-2017)

## Books

1. Grandjean P, ed. Standards setting. Copenhagen: Occupational Health Foundation, 1977, 210 pp.
2. Grandjean P, Nielsen T. Organiske blyforbindelser, forurening og toksikologi (Organolead compounds, pollution and toxicology, in Danish). Report No. SNV PM 879. Stockholm: Naturvårdsverket, 1977, 78 pp.
3. Grandjean P. Occupational health aspects of construction work. EURO Reports and Studies 86. Copenhagen: World Health Organization, Regional Office for Europe, 1983, 28 pp. (also published in German, French and Russian)
4. Grandjean P, ed. Biological effects of organolead compounds. Boca Raton, FL: CRC Press, 1984, 278 pp.
5. Grandjean P, Tarkowski S, eds. Toxic oil syndrome: mass food poisoning in Spain. Copenhagen: World Health Organization, Regional Office for Europe, 1984, 92 pp. (also published in Spanish)
6. Grandjean P. Miljø og forebyggelse. (Environment and prevention, student's guide in Danish). Copenhagen: F.a.d.L.'s Forlag, 1984, 109 pp.
7. Gilioli R, Grandjean P, Johnson B, Seppäläinen AM, Tarkowski S, eds. Neurobehavioural methods in occupational and environmental health. Environmental Health No. 3. Copenhagen: World Health Organization, Regional Office for Europe, 1985, 209 pp.
8. Grandjean P, ed. Neurobehavioural methods in occupational and environmental health. Environmental Health No. 6. Copenhagen: World Health Organization, Regional Office for Europe, 1985, 72 pp.
9. Grandjean P, ed. Miljømedicin (Environmental medicine, textbook in Danish). Copenhagen: F.a.d.L.'s Forlag, 1986, 257 pp.
10. Grandjean P, ed. Trace elements in human health and disease: extended abstracts. Environmental Health No. 20. Copenhagen: World Health Organization, Regional Office for Europe, 1987, 230 pp.
11. Grandjean P, ed. Trace elements in human health and disease: symposium report. Environmental Health No. 26. Copenhagen: World Health Organization, Regional Office for Europe, 1987, 134 pp.
12. Grandjean P, Kimbrough RD, Rantanen J, Tarkowski S, Yrjänheikki E. Assessment of health risks in infants associated with exposure to PCBs, PCDDs and PCDFs in breast milk. Environmental Health No. 29. Copenhagen: World Health Organization, Regional Office for Europe, 1988, 116 pp.
13. Grandjean P, ed. Miljømedicin, 2. udg. (Environmental medicine, 2nd ed., textbook in Danish). Copenhagen: F.a.d.L.'s Forlag, 1988, 311 pp.
14. Kimbrough RD, Mahaffey KR, Grandjean P, Sandø SH, Ruttstein DD. Clinical Effects of Environmental Chemicals: A Software Approach to Etiologic Diagnosis. New York: Hemisphere, 1989, 110 pp. and one floppy disk.
15. Grandjean P. Skin Penetration: Hazardous Chemicals at Work. (Published on behalf of the Commission of the European Communities.) London: Taylor and Francis, 1990, 187 pp.
16. Grandjean P, ed. Ecogenetics: Genetic Predisposition to Toxic

- Effects of Chemicals. London: Chapman & Hall, 1991, 288 pp.
17. Grandjean P, ed. Miljø, sundhed og samfund (Environment, health and society, in Danish). Copenhagen: Nyt Nordisk Forlag, 1991, 453 pp.
18. Grandjean P, Brown SS, Reavey P, Young DS, Rej R (eds). Biomarkers of Chemical Exposure. Proceedings of the Arnold O. Beckman/IFCC European Conference on Environmental Toxicology. Clin Chem 1994; 40 (issue 7B).
19. Toppari J, Larsen JC, Christiansen P, Giwercman A, Grandjean P, Guillette LJ, Jr, Jégou B, Jensen TK, Jouannet P, Keiding N, Leffers H, McLachlan JA, Meyer O, Müller J, Rajper-DeMeyts E, Scheike T, Sumpter J, Skakkebaek N. Male reproductive health and environmental chemicals with estrogenic effects. Copenhagen: Danish Environmental Protection Agency, 1995, 166 pp.
20. Grandjean P, Brown SS, Reavey P, Young DS, Sampson E (eds). Biomarkers. Proceedings of the Second Arnold O. Beckman/IFCC European Conference on Environmental Toxicology. Clin Chem 1995; 41 (issue 12B).
21. Grandjean P. Farlig forurening (Dangerous pollution, in Danish). Copenhagen: Nyt Nordisk Forlag and National Board of Health, 1998, 174 pp.
22. Grandjean P ed. Human health effects of environmental mercury exposure (special issue). Environ Res 1998; 77 (67-177).
23. Grandjean P, Sofritti M, Minardi F, Brazier J (eds). The Precautionary Principle. Implications for research and prevention in environmental and occupational health. Eur J Oncol Library 2003; 2: 1-245. Also published in Int J Occup Med Environ Health 2004; 17: 3-201.
24. Grandjean P (ed). Prenatal programming and toxicity. Basic Clin Pharmacol Toxicol. 2008; 102(2): 71-273.
25. Gee D, Grandjean P, Hansen SF, van den Hove S, MacGarvin M, Martin J, Nielsen G, Quist D, Stanners D, eds. Late Lessons from Early Warnings, volume II (EEA Report No 1/2013). Copenhagen, European Environment Agency, 2013, 746 pp.
26. Grandjean P. Only one chance. How Environmental Pollution Impairs Brain Development - and How to Protect the Brains of the Next Generation. New York: Oxford University Press, 2013 (232 pp.).
27. Grandjean P, Hermann P. Kemi på hjernen - går ud over enhver forstand. København: Gyldendal, 2015 (334 sider).
28. Grandjean P. Cerveaux en danger (Brains in danger, in French). Translated by Odile Demange. Paris: Buchet Chastel, 2016 (336 pp.).
29. Kishi R, Grandjean P, eds. Health Impacts of Developmental Exposure to Environmental Chemicals. Singapore: Springer, 2020 (555 pp.)

Publications in international peer-reviewed journals

1. Grandjean P, Holma B. A history of lead retention in the Danish population. *Environ Biochem Physiol* 1973; 3: 268-73.
2. Grandjean P. Lead in Danes, historical and toxicological studies. *Environ Qual Saf* 1975; Suppl. Vol. 2: 6-75.
3. Grandjean P. Possible effect of lead on egg-shell thickness in kestrels 1874-1974. *Bull Environ Contam Toxicol* 1976; 16: 101-6.
4. Grandjean P. Regional distribution of lead in human brains. *Toxicol Lett* 1978; 2: 65-9.
5. Nielsen T, Jensen KA, Grandjean P. Organic lead in normal human brains. *Nature (Lond.)* 1978; 274: 602-3.
6. Grandjean P. Lead concentration in single hairs as a monitor of occupational lead exposure. *Int Arch Occup Environ Health* 1978; 42: 69-81.
7. Grandjean P, Lintrup J. Erythrocyte-Zn-protoporphyrin as an indicator of lead exposure. *Scand J Clin Lab Invest* 1978; 38: 669-75.
8. Grandjean P, Arnvig E, Beckmann J. Psychological dysfunctions of lead-exposed workers: Relation to biological parameters of exposure. *Scand J Work Environ Health* 1978; 4: 295-303.
9. Grandjean P. Widening perspectives of lead toxicity, a review of health effects of lead exposure in adults. *Environ Res* 1978; 17: 303-21. (Also published as a special report to the U.S. National Institute of Environmental Health Sciences)
10. Grandjean P. Occupational lead exposure in Denmark: Screening with the haematofluorometer. *Br J Ind Med* 1979; 36: 52-8.
11. Grandjean P, Nielsen OV, Shapiro IM. Lead retention in ancient Nubian and contemporary populations. *J Environ Path Toxicol* 1979; 2: 781-7.
12. Grandjean P, Nielsen T. Organolead compounds, environmental health aspects. *Residue Rev* 1979; 72: 97-148.
13. Arnvig E, Grandjean P, Beckmann J. Neuropsychological effect of heavy lead exposure determined with psychological tests. *Toxicol Lett* 1980; 5: 399-404.
14. Hertz MM, Bolwig TG, Grandjean P, Westergaard E. Lead poisoning and the blood-brain barrier. *Acta Neurol Scand* 1981; 63: 286-96.
15. Grandjean P, Selikoff IJ, Shen SK, Sundermann FW Jr. Nickel concentrations in plasma and urine of shipyard workers. *Am J Ind Med* 1981; 1: 181-9.
16. Olsen NB, Hollnagel H, Grandjean P. Indicators of lead exposure in an adult Danish suburban population. *Dan Med Bull* 1981; 28: 168-76.
17. Grandjean P, Olsen NB, Hollnagel H. Influence of smoking and alcohol consumption on blood lead levels. *Int Arch Occup Environ Health* 1981; 48: 391-7.
18. Grandjean P, Kon SH. Lead exposure of welders and bystanders in a ship repair yard. *Am J Ind Med* 1981; 2: 65-70.
19. Grandjean P, Lintrup J. Sources of variation in fluorometry of zinc-protoporphyrin in blood. *Scand J Work Environ Health* 1981; 7: 311-2.
20. Grandjean P, Olsen NB, Hollnagel H. Occupationally related lead exposure in the general population. *Scand J Work Environ Health* 1981;

- 7: 298-301.
21. Grandjean P. Occupational fluorosis through 50 years: clinical and epidemiological experiences. *Am J Ind Med* 1982; 3: 227-36.
  22. Nielsen OV, Grandjean P, Bennike P. Chemical analyses of archaeological bone samples: Evidence for high lead exposure on the Faroe Islands. *J Dan Archaeol* 1982; 2: 145-8. (also published in Faroese: *Blyggj i føroyingum*, Mondul 1983; 9: 27-31)
  23. Grandjean P. Storage depots in the body: Passive retention or time bomb? (Editorial) *Am J Ind Med* 1983; 4: 489-90.
  24. Grandjean P, Wulf HC, Niebuhr E. Sister chromatid exchange in response to variations in occupational lead exposure. *Environ Res* 1983; 32: 199-204.
  25. Grandjean P, Thomsen G. Reversibility of skeletal fluorosis. *Br J Ind Med* 1983; 40: 456-61.
  26. Grandjean P. Lead poisoning: Hair analysis shows the calendar of events. *Hum Toxicol* 1984; 3: 223-8.
  27. Grandjean P, Hansen ON, Lyngbye K. Analysis of lead in circum-pulpal dentin of deciduous teeth. *Ann Clin Lab Sci* 1984; 14: 270-5.
  28. Eskildsen J, Grandjean P. Lead exposure from lead pellets: Age-related accumulation in mute swans. *Toxicol Lett* 1984; 21: 225-9.
  29. Grandjean P, Juel K, Jensen OM. Mortality and cancer morbidity after heavy occupational fluoride exposure. *Am J Epidemiol* 1985; 121: 57-64.
  30. Lyngbye T, Hansen ON, Vangberg L, Grandjean P. Lead as a cause of SIDS. *N Engl J Med* 1985; 10: 954-5.
  31. Grandjean P. Reference intervals for toxic metals: Problems and prospects. *Ann Clin Lab Sci* 1986; 16: 67-74.
  32. Grandjean P, Bach E. Indirect exposures: The significance of bystanders at work and at home. *Am Ind Hyg Assoc J* 1986; 47: 819-24.
  33. Grandjean P, Lyngbye T, Hansen ON. Lead concentration in deciduous teeth: Variation related to tooth type and analytical technique. *J Toxicol Environ Health* 1986; 19: 437-45.
  34. Grandjean P. After Chernobyl (Editorial). *Arch Environ Health* 1986; 41: 277.
  35. Andersen O, Grandjean P. Effects of inorganic and organic lead compounds on chromosomal length in human lymphocytes. *Appl Organomet Chem* 1987; 1: 15-19.
  36. Grandjean P, Andersen O, Nielsen GD. Carcinogenicity of occupational nickel exposures: An evaluation of the epidemiological evidence. *Am J Ind Med* 1988; 13: 193-209.
  37. Christoffersen J, Christoffersen MR, Larsen R, Rostrup E, Tingsgaard P, Andersen O, Grandjean P. Interaction of cadmium ions with calcium hydroxyapatite crystals: A possible mechanism contributing to the pathogenesis of cadmium-induced diseases. *Calcif Tissue Int* 1988; 42: 331-9.
  38. Grandjean P, Berlin A, Gilbert M, Penning W. Preventing percutaneous absorption of industrial chemicals: The "skin" denotation. *Am J Ind Med* 1988; 14: 97-107.
  39. Lyngbye T, Hansen ON, Grandjean P. Bias resulting from non-participation in childhood epidemiological studies: A study of low-level lead exposure. *Scand J Soc Med* 1988; 16: 209-15.

40. Grandjean P. Ancient skeletons as silent witnesses of lead exposures in the past. *CRC Crit Rev Toxicol* 1988; 19:11-21.
41. Madsen HHT, Skjødt T, Jørgensen PJ, Grandjean P. Blood lead levels in patients with lead shot retained in the appendix. *Acta Radiol* 1988; 29: 745-6.
42. Andersen O, Grandjean P. Effects of tetraethylthiuram disulfide on the toxicokinetics of cadmium in mice. *Pharmacol Toxicol* 1989; 64: 210-5.
43. Lyngbye T, Hansen ON, Grandjean P. Neurological deficits in children: Medical risk factors and lead exposure. *Neurotoxicol Teratol* 1989; 10: 531-7.
44. Grandjean P, Hollnagel H, Hedegaard L, Christensen JM, Larsen S. Blood lead-blood pressure relationships: Alcohol intake and hemoglobin as confounders. *Am J Epidemiol* 1989; 129: 732-9.
45. Hansen ON, Trillingsgaard A, Beese I, Lyngbye T, Grandjean P. A neuropsychological study of children with elevated dentine lead level: Assessment of the effect of lead in different socioeconomic groups. *Neurotoxicol Teratol* 1989; 11: 205-13.
46. Grandjean P, Jensen BM, Sandø SH, Jørgensen PJ, Antonsen S. Delayed blood regeneration in lead exposure: An effect on reserve capacity. *Am J Publ Health* 1989; 79: 1385-8.
47. Grandjean P. Bone analysis: Silent testimony of lead exposures in the past. *Medd Grønland Man Soc* 1989; 12: 156-60.
48. Grandjean P, Hørder M, Thomassen Y. Fluoride, aluminum and phosphate kinetics in cryolite workers. *J Occup Med* 1990; 32: 58-63.
49. Grandjean P, Kristensen K, Jørgensen PJ, Nielsen GD, Andersen O. Trace element status in alcoholism before and during disulfiram treatment. *Ann Clin Lab Sci* 1990; 20: 28-35.
50. Nielsen GD, Jepsen LV, Jørgensen PJ, Grandjean P, Brandrup F. Nickel-sensitive patients with vesicular hand eczema: Oral challenge with a diet naturally high in nickel. *Br J Dermatol* 1990; 122: 299-308.
51. Lyngbye T, Hansen ON, Trillingsgaard A, Beese I, Grandjean P. Learning disabilities in children: significance of low-level lead-exposure and confounding factors. *Acta Paed Scand* 1990; 79: 352-60.
52. Jensen BM, Sandø SH, Grandjean P, Wiggers P, Dalhøj J. Screening with zinc-protoporphyrin for iron deficiency in non-anemic female blood donors. *Clin Chem* 1990; 36: 846-8.
53. Lyngbye T, Grandjean P, Hansen ON, Jørgensen PJ. Validity and interpretation of blood lead levels: A study of Danish school children. *Scand J Clin Lab Invest* 1990; 50: 441-9.
54. Bonde I, Beck H-I, Jørgensen PJ, Grandjean P, Brandrup F. Nickel in intercellular fluid, comparison between nickel-allergic patients and controls. *Acta Derm Venereol (Stockh)* 1990; 70: 300-3.
55. Lyngbye T, Hansen ON, Grandjean P. Predictors of tooth-lead level with special reference to traffic. *Int Arch Occup Environ Health* 1990; 62: 417-22.
56. Grandjean P, Jørgensen PJ. Retention of lead and cadmium in prehistoric and modern human teeth. *Environ Res* 1990; 53: 6-15.
57. Lyngbye T, Hansen ON, Grandjean P. Lead concentration in deciduous teeth from Danish school children. *Dan Med Bull* 1991; 38: 89-93.

58. Grandjean P, Jacobsen IA, Jørgensen PJ. Chronic lead poisoning treated with DMSA. *Pharmacol Toxicol* 1991; 68: 266-9.
59. Grandjean P, Jørgensen PJ, Viskum S. Temporal and interindividual variation in erythrocyte zinc-protoporphyrin in lead-exposed workers. *Br J Ind Med* 1991; 48: 254-7.
60. Grandjean P, Sandoe SH, Kimbrough RD. Nonspecificity of clinical signs and symptoms caused by environmental chemicals. *Hum Exp Toxicol* 1991; 10: 167-73.
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