

Curriculum Vitae

Steven G. Gilbert, Ph.D., D.A.B.T.

Founder and Director
Institute of Neurotoxicology and Neurological Disorders
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EDUCATION

- 2000 Diplomat American Board of Toxicology, (D.A.B.T.)
- 1986 Ph.D., Toxicology
Toxicology Division, Environmental Health Science Center
Department of Radiation Biology and Biophysics
University of Rochester, NY.
- 1973 B.S., Electrical Engineering
Specialization in Bio-Medical Engineering & Computer Applications
University of Rochester, NY.

PROFESSIONAL POSITIONS

- 2001 -present **Affiliate Associate Professor**, Interdisciplinary Arts & Sciences, University of Washington, Bothell, WA.
- 1996 - present **Founder and Director**, Institute of Neurotoxicology and Neurological Disorders; Seattle, WA.
- 1996 -present **Affiliate Associate Professor and Graduate Faculty**, Department of Environmental and Occupational Health Sciences, School of Public Health and Community Medicine, Univ. of Washington; Seattle, WA.
- 1992 – present **Vice President**, GC Controls Inc., Binghamton, NY.
- 2000 - 2001 **President**, SNBL USA Biosupport, LTD., Redmond, WA.
- 1999 - 2000 **President**, SNBL USA, LTD., Everett & Redmond, WA.
- 1997 - 1999 **President**, BIOSUPPORT INC., Redmond, WA.
- 1996 -1997 **Vice President & Dir. of Toxicology**, BIOSUPPORT INC.; Redmond, WA.
- 1994 -1996 **Director of Toxicology**, BIOSUPPORT INC.; Redmond, WA. (20% time).
- 1990 -1996 **Research Associate Professor**, Department of Environmental Health, School of Public Health and Community Medicine, University of Washington; Seattle, WA.
- 1987-1990 **Senior Evaluator**, Toxicology Evaluation Division, Bureau of Chemical Safety, Food Directorate, Health Protection Branch, Health and Welfare Canada, Tunney's Pasture; Ottawa, Ontario, Canada.
- 1986 - 1990 **Adjunct Professor**, Department of Psychology, Carleton University, Ottawa, Canada. Organized and taught courses in: Behavioral Toxicology, Animal Learning, Behavioral Pharmacology.
- 1985-1987 **Research Scientist**, Toxicology Research Division, Bureau of Chemical Safety, Food Directorate, Health Protection Branch.
- 1981-1985 **Section Head**, Research Computing Food Statistics and Operational Planning, Food Directorate, Health Protection Branch.
- 1979-1986 **Toxicology Graduate Student**, Toxicology Division, Environmental Health Science Center, Dept. of Radiation Biology and Biophysics, University of Rochester; Rochester, NY.
- 1976-1979 **President and Founder**, Manx Systems, Inc. Behavioral Toxicology Software.

PROFESSIONAL ACTIVITIES

NATIONAL AND INTERNATIONAL

- Member– Washington State Department of Ecology's PBT Rule Advisory Committee**, asked to join by Mike Gallagher, August 2004
- Member– Washington State Pesticide Incident Reporting and Tracking Review Panel**, appointed by Governor Locke April 2004
- 2004 Worthington Scholarship Committee**, University of Washington, Bothell.
- President and Founder**, Ethical, Legal, and Social Issues Specialty Section, Society of Toxicology – March 2004-present.
- Member, Board of Directors** – Washington Physicians for Social Responsibility. 2004-present.
- Co-Chair of Environmental and Health Committee** – Washington Physicians for Social Responsibility. 2004-present.
- Member**, Society of Toxicology – Communication Task Force, (appointed by SOT council) March 2004-present.
- Member**, League of Women Voters – Seattle, Natural Resources Committee, Representing Environmental Health Policy –2004-present.
- Member, Board of Directors**, Northwest Kinetics, Tacoma, WA, January 2004 to present.
- Speaker and Organizer**. “SOT Issues Session: Toxicology: Ethical, Legal, and Social Issues.”, - “Impact of Toxicology on Ethical Issues – An Overview” At Society of Toxicology Meeting – Salt Lake City – March 12, 2003.
- President, Board of Directors**, Northwest Association for Biomedical Research (NWABR), (formally Washington Association for Biomedical Research) 2003-present
- Board of Directors**, Institute for Children's Environmental Health, Freeland, WA, 2003-present
- Chair Legislative Committee - Advisory Board**, University of Washington, Bothell. Advice on future programs for the UWB, 2003 to present.
- Member– Washington State Department of Ecology's Mercury Chemical Action Plan Advisory Committee**, asked to join by Mike Gallagher, February 2003
- Member, Board of Directors**, KUOW National Public Radio Station, Seattle, WA, November, 2002 to present.
- Member, Nominating Committee**, Neurotoxicology Specialty Section, Society of Toxicology, October 2002.
- Member, Board of Directors**, Washington Toxics Coalition, Seattle, WA. May 2002 to present.
- Member, Board of Directors**, Japan-America Society, Seattle, WA, February, 2002 to present.
- President, PANWAT**, (Pacific Northwest Association of Toxicologists, Regional Chapter of Society of Toxicology), 2001.
- Member, Board of Directors**, Enodar Biologics Inc., Seattle WA (a bioinformatics startup company), 2001 to 2003.
- Member, Science Advisory Board**, TissueInformatics, Pittsburgh based company in advanced imaging of tissue, 2000 to 2004.
- Member Advisory Board**, University of Washington, Bothell. Advice on future programs for the UWB, 2001 to present.
- Member Science Advisory Board**, University of Washington, Bothell. Advise on teaching program in relation to biotechnology requirements, 2000 to present.
- Member, Executive Committee, Board of Directors**, Washington Biotechnology and Biomedical Association, 2001 to 2004.

- Member, Board of Directors**, Washington Biotechnology and Biomedical Association, 1998-present
- Vice President, Board of Directors**, Northwest Association for Biomedical Research (NWABR), (formally Washington Association for Biomedical Research), 2001-2003 – the President
- Member, Board of Directors**, Northwest Association for Biomedical Research (NWABR), (formally Washington Association for Biomedical Research), 2000-present
- Reviewer**, Reviewed and revised the ATSDR Case Study Documents on Contract for Eastern Research Group – April 22-May 4, 2000.
- Member, Board of Directors**, SNLB USA BIOSUPPORT , INC.; 2000-2001.
- Member, Biotechnology Round Table** for Hon. Jay Inslee, House of Representative, 1st District, Washington, 1999-2002
- Member**, Mercury Research Strategy - Peer Review, Office of Research and Development, U. S. Environmental Protection Agency, Washington, DC, Dec 8&9, 1999
- Member, Steering Committee for Seattle Master Home Environmentalist Project**; funded by METRO/YMCA and EPA; now with American Lung Association, Seattle WA. 1993-present.
- Councilor, PANWAT**, (Pacific Northwest Association of Toxicologists, Regional Chapter of Society of Toxicology), 1998-2000.
- Editorial Board**, *Toxicological Sciences* (formerly - *Fundamental and Applied Toxicology*), 1995-2001.
- Organizer**, Session at AAAS meetings in Seattle, Feb. 1997. “Ethical Aspects of Societal Decision Making”. **Co-editor** of Special edition of Women and Health highlighting session papers, 1998.
- Member**, U.S. EPA Science Advisory Board - SAB Mercury Review Subcommittee; Washington, DC. February 1997.
- Chair, Scientific and Local Program Committee** for the 1995 International Neurotoxicology Association (INA-5) meeting; Seattle, WA. June 1995.
- Member, Board of Directors**, BIOSUPPORT , INC.; 1994-1999.
- Member of Organizing committee** - Neurotoxicity of Mercury: Indicators and Effects of Low-Level Exposure and session chair. (Oct. 30- Nov. 2, 1994 - Little Rock Arkansas).
- Member** - Appointed to ATSDR Science Panel on Mercury (Committee met Aug. 11, 1994) (committee commented on ATSDR mercury review)
- Reviewer** - OECD Draft Neurotoxicity Testing Guidelines 1994. (Requested by Dr. Donald L. Grant, Chief Toxicology Evaluation Division, Health Protection Branch, Health Canada to review these guidelines.)
- Chair** - Awards committee - Neurobehavioral Teratology Society, 1994.
- Organizer & Speaker**, Workshop: Risk Assessment From Developmental Data. Teratology Society/Neurobehavioral Teratology Society; Boca Raton, FL. 1992.
- Member**, U.S. EPA/OECD Ad Hoc Meeting On Neurotoxicity Testing Guidelines; 1990.
- Board of Directors**, Canadian Association for Laboratory Animal Science; 1985-1987.
- Chair**, Scientific Advisory Board - 1985-88; Co-chair of the CALAS Annual Convention, "Better Health For All"; Ottawa, Canada. July 1989.
- Manuscript Referee** for the following journals: *NeuroToxicology*, *Journal of Endocrinology*, *Australia Research Council*, *Cancer Letters*, *Neurotoxicology and Teratology*, *Toxicology and Applied Pharmacology*, *Pharmacology & Toxicology*, *Fundamental and Applied Toxicology*, *Epilepsia*, *Archives of Environmental Contamination and Toxicology*, *American Zoologist*, *Environmental Health Perspectives*.
- Professional organizations**: Society of Toxicology (U.S.), American Association for the Advancement of Science, New York Academy of Science, International Neurotoxicology Association, Society for Neuroscience, American Fern Society

Past member of American Society of Primatologists

COMMUNITY AND STATE GOVERNMENT

- President, Board of Directors, 45th Street Clinic;** Seattle WA. Elected January 1998-2000.
- Board of Directors, 45th Street Clinic;** Seattle WA. Elected February 1997-2000.
- President, Wallingford Community Council;** Seattle WA. 1995-96.
- Speakers Bureau,** Washington Association of Biomedical Research, 1996-present
- Member, Steering Committee for Seattle Master Home Environmentalist Project;** funded by METRO/YMCA and EPA; Seattle WA. 1993-present.

TESTIMONY or INTERVIEWS

- Testimony.** “PBDEs and Child Health”. Washington State PBDE advisory panel developing a State PBDE action plan. Tacoma, WA August 11, 2004.
- Testimony** – “Persistent Bioaccumulative Toxicants – Economic Impact” – Panel Discussion before WA State Legislative Environment Committee Olympia, WA, January 29, 2004.
- Testimony** – “Funding leadership” – WA State Legislative Education Committee Olympia, WA, January 27, 2004.
- Testimony** – “Health effects of mercury” – At King County Board of Health Hearing – King County Council Chambers, Seattle, WA, February 21, 2003.
- Interview.** “Health Effects of Caffeine and Gurana” For CBC, Canada, Interviewed in Vancouver, BC by Michael Gruzuk (in a coffee shop), Feb 12, 2003.
- Testimony** –Washington State Government, Ecology Committee, House of Representatives Hearing on HB 1002, *An Introduction To The Health Effects of Mercury*, January 17, 2002.
- Testimony** –Washington State Government - Technology, Telecommunications & Energy Committee – Biotechnology 101 and Drug Development – invited by Chair Jeff Morris, with WBBA – February 22, 2002.
- Testimony** –Washington State Government – Legislative Committee – Health Effects of Mercury – Invite through Washington Toxic Coalition – February 11, 2002.
- Testimony** –Washington State Board of Health, Health Effects of Lead. Session: Progress on required blood-lead reporting WAS 246-100-041(2); Olympia, WA. March 9, 1994.
- Testimony** –Washington Department of Public Health hearing on a statewide registry of occupational and environmental lead poisoning; April 6, 1993.
- Advisory Committee on Non-Agricultural Child Labor; Department of Labor and Industries, State of Washington, November 25, 1991. (Developmental Affects of Neurotoxic Agents).

UNIVERSITY OF WASHINGTON and/or DEPARTMENT OF ENVIRONMENTAL HEALTH

- Member,** Toxicology Advisory Committee (TAC) for Department of Environmental Health education grant. PI Dave Eaton. 1998-2001
- Interim Director,** Northwest Center of Occupational Health and Safety, Department of Environmental Health, University of Washington, Seattle, WA. 1994-1995.
- Research Affiliate,** Child Development and Mental Retardation Center, University of Washington, Seattle, WA. 1992-present.
- Member,** Institute for Environmental Studies - Vision Committee (University wide, multidisciplinary committee to review status of IES and make recommendations) 1993-1994.
- Member,** Small Grant Review Committee; Alcohol and Drug Abuse Institute, University of Washington, Seattle, WA. August 1992-1994.

Chair, Internal Research Funds Committee, DEH, 1993-1994.

Graduate Faculty, University of Washington, Seattle, WA. 1991-present.

Core Faculty Member, Environmental Pathology/Toxicology, Department of Environmental Health, University of Washington, Seattle, WA. 1991-present.

Adjunct Professor, Department Psychology, Carleton University, Canada. 1986-1990.

HONORS AND INVITATIONS

Table Captain, Breath Easy Breakfast 2000, American Lung Association of Washington. March 28, 2000. Supported MHE.

HIGHLIGHTED PRESENTATIONS

Invited speaker on over 200 occasions (see augmented CV for complete list).

Speaker, "Status of Current Neurotoxicity Testing in Member Countries" U.S. EPA / OECD 1990 Ad Hoc Meeting on Neurotoxicity Testing; Arlington, VA. March 27-29, 1990.

Speaker, "The Pharmacokinetics of Caffeine in Animals and Humans: Influence on Risk Assessment" Environmental Protection Agency. California Health Sciences; Sacramento, CA. July 25, 1991.

Session Chair & Speaker, "Schedule-Controlled Operant Behavior II: Advanced Applications" Rochester Series on Environmental Toxicity - Toxicological Interpretations of Neurobehavioral Data; University of Rochester, Rochester, NY. June 22-24, 1992.

Organizer & Speaker, Workshop: Risk assessment from developmental data. "Caffeine: an example starting with existing data" Teratology Society/Neurobehavioral Teratology Society, Boca Raton, FL. June 27-July 2, 1992.

Speaker, "Effects of Methylmercury on the Behavior of Monkeys" US EPA Neurotoxicology Division, Health Effects Research Laboratory; Research Triangle Park, NC. September 10, 1992.

Speaker & Panel Member, "Human health effects of lead" Public Health Grand Rounds; Northwest Center for Public Health, University of Washington, Seattle, WA. November 3, 1992.

Interviewed, CBS nightly news (taped interview for broadcast) "Caffeine use during pregnancy and risk to the infants" Seattle, WA. February 2, 1993.

Speaker, "That culprit 'Pb' in the 90's" Controversies in Medicine; Office of Continuing Medical Education, University of Washington, Seattle, WA. May 12, 1993.

Organizer & Speaker, "Neurotoxicity of Mercury: Indicators and Effects of Low-Level Exposure" 12th International Neurotoxicology Conference; Hot Springs, AR. October 30-Nov. 2, 1994. (Proceedings published in NeuroToxicology, 17(1)).

Speaker, "Risk Assessment of Mercury: Certainty vs. Uncertainty" Departmental Seminar; Department of Environmental, University of Washington, Seattle, WA. May 9, 1996.

Speaker, "Developing the Best Animal Model to Accelerate Preclinical Development" Accelerating Preclinical Development; Presented by Institute for International Research. San Francisco, CA. January 29-30, 1997.

Keynote Luncheon Speaker, "A Small Dose of Toxicology" High School Student Forum; University of Washington, Seattle, WA. May 14, 1997.

Speaker. "Developing the Best Animal Model to Accelerate Preclinical Development". Industry Seminar - Accelerating Preclinical Development, Institute for International Research, November 9-10, 1998 - San Francisco, CA.

Speaker. "Developing the Best Animal Model to Accelerate Preclinical Development". Industry Seminar - Accelerating Preclinical Development, Institute for International Research, November 18-19, 1999 - San Francisco, CA.

- Speaker.** “Globalization of the Drug Development and CRO Industries”. IIC (Instem International Conference). Philadelphia, PA, May 16, 2000
- Speaker.** “Maturing of the Pudget Sound Biotechnology Industry”. NAIOP (National Assoc. of Industrial and Office Parks) Talk and Panel discussion – Bellevue, WA October 18, 2000.
- Speaker.** “Animal models in preclinical studies”. UW BioMedical Regulatory Affairs class. Two hour talk. Invited by Dee Sweeney, UofW Bellevue Campus, January 9, 2001.
- Speaker.** "We must be the change - We wish to see. - Martin Luther King and Mohandas K. Gandhi. MLK day at Biosupport. January 12, 2001, Redmond, WA.
- Lecture.** “A Small Dose of Toxicology and Use of Animals In Research" Ballard High School (combined classes 43 students In biotech program) - through WABR Speakers Bureau - Penny Pagels, teacher May 3,2002.
- Lecture.** “A Small Dose of Toxicology and Use of Animals In Research" Shorewood High School (AB honors chemistry class) - through WABR Speakers Bureau - Dori Nagy, teacher June 5, 2002.
- Lecture.** “A Small Dose of Toxicology and Use of Animals In Research" Mercer Island High School (two senior chemistry/biology classes) - through WABR Speakers Bureau - teacher: MaryMargaret Welch, teacher June 7, 2002.
- Lecture.** “A Small Dose of Toxicology" Master Home Environmentalist, American Lung Association, Best Practice Training, June 17, 2002.
- Moderator and Speaker.** “Strength for Our Economy Through Biotech Success: Bringing New Treatments to Market", Snohomish County, Economic Development Council, at Echo Falls Country Club, Invited by Deborah Knutson, June 19, 2002.
- Speaker.** “Teaching A Small Dose of Toxicology " Ethics In The Class Room - A professional development program for Middle and High School teachers sponsored by WABR. Pack Forest Conference Center, Eatonville, WA. July 23, 2002.
- Speaker.** “An Introduction to NW Biotechnology Industry”, Kobe Trade Mission - Introducing the Kobe Biomedical Center to Seattle Biotech community. Westin Hotel, Seattle, WA. July 29, 2002.
- Speaker and Organizer.** “SOT Issues Session: Toxicology: Ethical, Legal, and social Issues.” ”, - “Impact of Toxicology on Ethical Issues – An Overview” At Society of Toxicology Meeting – Salt Lake City – March 12, 2003.
- Speaker and Organizer.** “SOT Issues Session: Does Funding Effect Research Integrity?” At Society of Toxicology Meeting – Baltimore, Maryland – March 12, 2004.

TEACHING SUMMARY (see augmented CV for complete list).

University Teaching (numerous courses and lectures)

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| 2004 | Lecture – ENVH 531 – Neurotoxicology, Department of Environmental and Occupational Health Sciences, two classes Lead and Risk Assessment February ,3 & March 2, 2004 |
| Most Recent | 2003 Instructor , BLS 411, Biotechnology and Bioethics, (full course 38 students), Tue and Thur 1:15-3:20, UW Bothell Campus, Room, UW2 240 (Jan to March, 2003) |
| 1991 - Present | Research Associate and Affiliate Associate Professor, Department of Environmental Health, University of Washington, Seattle, WA. Continue to lecture in a variety of courses (see augmented CV for details). |

1986 - 1990 Adjunct Professor, Department of Psychology, Carleton University, Ottawa, Canada. Organized and taught courses in: Behavioral Toxicology, Animal Learning, Behavioral Pharmacology.

High School and Elementary School Teaching

Elementary Visited and taught 2nd to 5th graders on toxicology and use of animals in research; developed a series of three lectures on toxicology and the environment.
High School Visited and taught 6th to 12th graders on toxicology and use of animals in research; Invited speaker by Washington Biomedical Research Association.

Continuing Education - Northwest Center for Occupational Health and Safety

1994 **Course Director & Lecturer**, Summer Institute of Public Health Practice, Risk Assessment Section; Presentation: "Non-Cancer Risk Assessment", July 18-22, 1994.
1994 - 1995 **Interim Director** - Northwest Center of Occupational Health and Safety, Department of Environmental Health, University of Washington, Seattle, WA.
1993 - Present **Course Director and Lecturer** for over 25 courses
Northwest Center of Occupational Health and Safety, Department of Environmental Health, University of Washington, Seattle, WA.
2003 **Co-Course Director & Lecturer**, "Inhalation Toxicology & Environmental Challenges", Sponsored by Northwest Center for Occupational Health and Safety, Continuing Education Program, Department of Environmental Health, University of Washington, February 20, 2003.
2003 **Co-Course Director & Lecturer**, "Communication: Going Beyond "Right to Know" to "Right to Understand."", Sponsored by Northwest Center for Occupational Health and Safety, Continuing Education Program, Department of Environmental Health, University of Washington, April 3, 2003.
2003 **Co-Course Director & Lecturer**, "Understanding the Human Genome: Ethical Challenges for Public Health Policy", Sponsored by Northwest Center for Occupational Health and Safety, Center for Ecogenetics and Environmental Health, Center for Genomics and Public Health, Institute for Public Health Genetics, Continuing Education Program, Department of Environmental Health, University of Washington, December 2, 2003.

Advising

High School

High school student in Research Apprenticeship Program (RAP) Rashid Skyd, worked in the primate behavior laboratory for 6 weeks July-Aug. 1994.

Senior honors thesis:

Jennifer White, Methods in Recognition Memory. Department of Psychology, Carleton University, Ottawa, Ontario 1989/90.

MS Supervisory Committees:

Danielle Cahaan, **chair**, "Mediation of Methylmercury Neurotoxicity by Brain Metallothionein", Dept. of Environmental Health, University of Washington, 1995/96.

Catherine R. Rogovin, **chair**, "Neurobehavioral effects due to prenatal low level methylmercury exposure in mice". Dept. of Environmental Health, University of Washington, 1993/94.

Kathleen M. Buller, member, “A behavioral evaluation of mercury exposure among dentists”. Dept. of Environmental Health, University of Washington, 1993/94.

Jeffrey H. Ward, member, “The effects of in-utero methanol exposure on the development of visual acuity in infant monkeys”. Dept. of Environmental Health, University of Washington, 1993/94.

Rainbow Leung, member, “Master Home Environmentalist Evaluation of the HEAL”, Dept. of Environmental Health, University of Washington, 1995/96.

Ph.D. Supervisory Committees:

Lynnda Reid, member, “Molecular cloning of the mouse gamma-glutamylcysteine synthetase cDNA and transfection into a mammalian cell line: Evaluation of the effects of over expression of gamma-glutamylcysteine synthetase on glutathione concentration, DNA mutation rate, and cell viability under physiological and oxidative conditions”. Dept. of Environmental Health, University of Washington, 1991-96

Sally Thompson, member, “Toxicant Induced Changes in gamma-Glutamyl Cysteine Synthetase During Embryogenesis”. Dept. of Environmental Health, University of Washington, 1993-97.

Additional Training and Courses

Introduction to FDA/OECD Good Laboratory Practices, June 5 and 6, 1999 SNBL USA, Everett, WA, by Deborah Eyer Garvin, Director, West Coast Quality Training.

BIBLIOGRAPHY

PUBLICATIONS

Research Articles in Refereed Journals

1. Sobell, H.M., Tasi, C.C., **Gilbert, S.G.**, Jain, S.C., and Sakore, T.D. Organization of DNA in chromatin. *Proc. Natl. Acad. Sci. USA*, 73, 3068-3072, 1976.
2. Sobell, H.M., Tasi, C.C., Jain, S.C. and **Gilbert, S.G.** Visualization of drug-nucleic acid interactions at atomic resolutions. *J. Mol. Biol.* 114, 333-365, 1977.
3. **Gilbert, S.G.** and Rice, D.C. Nova SKED: A behavioral notation language for Data General minicomputers. *Behavior. Resear. Meth. Instrument.*, 10, 705-709, 1978.
4. **Gilbert, S.G.** and Rice, D.C. Nova SKED II: A behavioral notation language utilizing Data General's real time disk operating system. *Behavior. Resear. Meth. Instrument.*, 11, 71-73, 1979.
5. Rice, D.C., **Gilbert, S.G.**, and Willes, R.F. Neonatal low-level lead exposure in monkeys: locomotor activity, schedule-controlled behavior and the effects of amphetamine. *Toxicol. Appl. Pharmacol.* 51, 503-515, 1979.
6. **Gilbert, S.G.** and Maurissen, J.P.J. Assessment of the effects of acrylamide, methylmercury, and 2,5-hexanedione on motor functions in mice. *J. Toxicol. Environ. Health*, 10, 31-41, 1982.
7. Rice, D.C. and **Gilbert, S.G.** Early chronic low-level methylmercury poisoning in monkeys produces impairment of spatial vision. *Science*, 216, 759-761, 1982.
8. Stavric, B., Klassen, R., and **Gilbert, S.G.** An automated HPLC assay for monitoring caffeine and its metabolites in biological fluids of monkeys consuming caffeine. *J. Chromatogr.* 310, 107-118, 1984.
9. Truelove, J.F., **Gilbert, S.G.** and Rice, D.C. Effect of diet on blood lead concentration in cynomolgus monkey. *Fundam. Appl. Toxicol.* 5, 588-596, 1985.
10. **Gilbert, S.G.**, Stavric, B., Klassen, R.D., Rice, D.C. The fate of chronically consumed caffeine in the monkey. *Fund. Appl. Toxicol.* 5, 578-587 1985.
11. Reuhl, K.R., **Gilbert, S.G.**, Mackenzie, B.A., Mallett, J.E., and Rice, D.C. Acute trimethyltin intoxication in the cynomolgus monkey (*Macaca fascicularis*). *Toxicol. Appl. Pharmacol.* 79, 436-452, 1985.
12. Rice, D.C. and **Gilbert, S.G.** Low-level lead exposure from birth produces behavioral toxicity (DRL) in monkeys. *Toxicol. Appl. Pharmacol.* 80, 421-426, 1985.
13. **Gilbert, S.G.**, So, Y., Klassen, R., Geoffroy, S., Stavric, B., and Rice, D.C. Elimination of chronically consumed caffeine in the pregnant monkey (*Macaca fascicularis*). *J. Pharmacol. Exp. Ther.* 239, 891-897, 1986.

14. **Gilbert, S.G.** and Rice, D.C. Low-level lifetime lead exposure produces behavioral toxicity (spatial discrimination reversal) in adult monkeys. *Toxicol. Appl. Pharmacol.* 91, 484-490, 1987.
15. **Gilbert, S.G.** Sensory testing in non-human primates. *Zentralblatt für Bakteriologie Mikrobiologie und Hygiene (International Journal of Microbiology and Hygiene)* 185, 31-35, 1987.
16. **Gilbert, S.G.**, Reuhl, K.R. Wong, J.H., and Rice, D.C. Fatal pneumococcal meningitis in a colony-born monkey (*Macaca fascicularis*). *J. Med. Primatol.* 16, 333-338, 1987.
17. **Gilbert, S.G.**, Rice, D.C., Reuhl, K.R., and Stavric, B. Adverse pregnancy outcome in the monkey (*Macaca fascicularis*) after chronic caffeine exposure. *J. Pharmacol. Exp. Ther.* 245, 1048-1053, 1988.
18. Reuhl, K.R., Rice, D.C., **Gilbert, S.G.**, and Mallett, J. Effects of chronic developmental lead exposure on monkey neuroanatomy: Visual system. *Toxicol. Appl. Pharmacol.* 99, 501-509, 1989.
19. Rice, D.C. and **Gilbert, S.G.** Effects of developmental exposure to methyl mercury on spatial and temporal visual function in monkeys. *Toxicol. Appl. Pharmacol.* 102, 151-163, 1990.
20. Rice, D.C. and **Gilbert, S.G.** Sensitive periods for lead-induced behavioral impairment (nonspatial discrimination reversal) in monkeys. *Toxicol. Appl. Pharmacol.* 102, 101-109, 1990.
21. Rice, D.C. and **Gilbert, S.G.** Lack of sensitive period for lead-induced behavioral impairment on a delayed spatial alternation task in monkeys. *Toxicol. Appl. Pharmacol.* 103, 364-373, 1990.
22. Rice, D.C. and **Gilbert, S.G.** Automated behavioral procedures for infant monkeys. *Neurotoxicol. Teratol.* 12, 429-439, 1990.
23. Stavric, B. and **Gilbert, S.G.** Caffeine metabolism: A problem in extrapolating results from animal studies to humans. *Acta Pharmaceutica Jugoslavica* 475-489, 1990.
24. **Gilbert, S.G.** and Rice, D.C. Effects of chronic caffeine consumption in pregnant monkeys (*Macaca fascicularis*) on blood and urine clinical parameters. *Fund. Appl. Toxicol.* 16, 299-308, 1991.
25. **Gilbert, S.G.** and Rice, D.C. Somatic development of the infant monkey following *in utero* exposure to caffeine. *Fund. Appl. Toxicol.* 17, 454-465 1991.
26. Rice, D.C. and **Gilbert, S.G.** Exposure to methyl mercury from birth to adulthood impairs high-frequency hearing in monkeys. *Toxicol. Appl. Pharmacol.* 115, 6-10, 1992.
27. **Gilbert, S.G.**, Burbacher, T.M. and Rice, D.C. Effects of *in utero* methylmercury exposure on a spatial delayed alternation task in monkeys. *Toxicol. Appl. Pharmacol.* 123, 130-136, 1993.
28. **Gilbert, S.G.** and Rice, D.C. *In utero* caffeine exposure affects feeding pattern and variable ratio performance in infant monkeys. *Fund. Appl. Toxicol.* 22, 41-50, 1994.
29. **Gilbert, S.G.**, and Grant-Webster, K.S. Neurobehavioral effects of developmental methylmercury exposure. *Env. Health Persp.* 103(Suppl 6), 135-142, 1995.

30. Rice, D.C. and **Gilbert, S.G.** Effects of developmental methylmercury exposure or life time lead exposure on vibration sensitivity function in monkeys. *Toxicol. Appl. Pharmacol.* 134, 161-169, 1995.
31. Cranmer, M., **Gilbert, S.G.** and Cranmer J.S. Neurotoxicity of mercury - Indicators and effects of low-level exposure: overview. *NeuroToxicology* 17(1), 9-16, 1996.
32. **Gilbert, S.G.**, Rice, D.C. and Burbacher, T.M. Fixed interval/fixed ratio performance in adult monkeys exposed *in utero* to methylmercury. *Neurotoxicol Teratol.* 18(5), 539-546, 1996.
33. Roberts, J.W., Dickey, D., **Gilbert, S.G.**, Williams, D. and Leung, R Reducing the total exposure of preschool children: Control of major sources of pollutants. Proceedings of the Pacific Northwest International Section, Air & Waste Management Association Annual Meeting, Seattle, Dec. 1996.
34. Leung, R., Koenig, J.G., Simcox, N., van Belle, G., Fenske, R., and **Gilbert, S.G.** Behavioral Changes Following Participation in a Home Health Promotional Program in King County, Washington. *Environmental Health Perspectives*, 105(10), 1132-1135, 1997.
35. Pollard, I. and **Gilbert, S.G.** Bioscience Ethics - A New Conceptual Approach to Modern Ethical Challenges. *Eubios Journal of Asian and International Bioethics*, 7(5), 131-133, 1997.
36. Thompson, SA, Roellich KL, Grossmann A, **Gilbert SG** and Kavanagh TJ. Alterations in immune parameters associated with low level methylmercury exposure in mice. *Immunopharmacology and Immunotoxicology*; 20(2), 299-314, 1998.
37. Michael G. Fuhrman, Othman Abdul Karim, Sujal Shah, **Steven G. Gilbert**, Richard Van Bibber. Quantitative Analysis Of Blood Vessel Geometry, Published in ?? , 2000.
38. **Steven G. Gilbert**, Vincent Florio, Jay S. Charleston. Neurotoxic Effects of MPTP in C57/B16 Mice: A Comparison of Different Treatment Regimes. *Neurotoxicology and Teratology*, accepted, 2001.
39. Thomas M. Burbacher, Kimberly S. Granta, David B. Mayfield, Steven G. Gilbert, And Deborah C. Rice. Prenatal Methylmercury Exposure Affects Spatial Vision in Adult Nonhuman Primates. *Toxicological Sciences*, submitted 2004.

BOOK

Steven G. Gilbert. A Small Dose of Toxicology – The Health Effects of Common Chemicals. CRC Press, Boca Raton, February 2004, p 266. – see web site www.asmalldoseof.org

BOOK CHAPTERS

1. **Gilbert, S.G.** and Wrenshall, E. Environmental Enrichment for Monkeys Used in Behavioral Toxicology Studies. In: Housing, Care, and Psychological Wellbeing of Captive and Laboratory Primates. ed. E. Segal, Noyes Publications, 1989.
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