



## Curriculum Vitae

# DANIEL A. GOLDSTEIN, M.D.

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## CONSULTANT

### MEDICAL, INDUSTRIAL AND ENVIRONMENTAL TOXICOLOGY

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**Born:** Aurora, Illinois. March 23, 1955.

**Citizenship:** U.S.A.

**Scope of practice:** Clinical, Occupational and Environmental Toxicology, Acute and Chronic Poisoning, Clinical Pharmacology.

### Training:

- 1976 Bachelor of Science - *Cum Laude*, Molecular Biology -- *University of Wisconsin at Madison*.
- 1977 Completed eighteen months of graduate course work and research (partially concurrent with undergraduate studies) in Human Genetics and Immunology, Department of Molecular Biology -- *University of Wisconsin at Madison*. (No degree granted).
- 1981 Doctor of Medicine, *Johns Hopkins University School of Medicine* -- Baltimore, Maryland.
- 1984 Completed Residency in Pediatrics, *Johns Hopkins Hospital* -- Baltimore, Maryland.
- 1984 Clinical and Research Fellow, Division of Clinical Pharmacology, *Hospital for Sick Children* -- Toronto, Ontario.
- 1984 Postgraduate course in Clinical Pharmacology, Drug Development, and Regulation. Center for the Study of Drug Development. *University of Rochester*.

### Practice Experience:

- 1986 Private Practice: General Pediatrics and Toxicology - Towson, Maryland
- 1987 - 1988 Accord Medical Centers, Department of Toxicology - Denver, CO
- 1988 - 1998 Private Practice: Toxicology and Pediatrics - Denver, CO
- 1989 - 1994 Consulting Medical Director, ENSECO, Inc. - Somerset, NJ
- 1989 - 1990 Colorado Department of Health, Division of Prevention Programs - Disability Advisory Board
- 1991 - 1996 Medical Director: Section of Toxicology, Department of Internal Medicine, Swedish Medical Center- Denver, CO.
- 1991 - 1998 Member, Pharmacy and Therapeutics Subcommittee - Swedish Medical Center- Denver, CO
- 1992 - 1993 Member, Denver Medical Society - Bar Association Liaison Committee
- 1993 - 1998 Appointee, Colorado Air Quality Commission Air Quality Science Advisory Board
- 1993 - 1998 Member, Biosafety Committee, AMGEN Boulder, Incorporated
- 1996 - 2005 Assistant Editor, TOMES Plus Information System
- 1998- 1999 Associate Medical Director, Product Coordinator. Monsanto Company, St. Louis, MO
- 2002- 2017 Senior Science Fellow, Monsanto Company, St. Louis, Mo.

2017- 2018 Distinguished Science Fellow, Monsanto Company, St. Louis, Mo.

**Honors and Awards:**

1973 National Honor Society  
1974 Bergenthal Scholarship for Outstanding Freshman Engineers  
1974 Elected to Phi-Beta-Sigma  
1975 U.S. National Science Foundation Summer Research Scholarship in Chemistry  
1976 Phi-Beta-Kappa  
1976 Haelfer Award for Outstanding Senior Chemist (declined due to change in major)  
1981 Alpha-Omega-Alpha Medical Honor Society  
1984 Canadian Medical Research Council Fellowship Training Grant

**Certifications and Licensure:**

1981 Federal Licensure Examination (U.S.)  
1981 License to Practice Medicine - State of Maryland (discontinued 1988)  
1985 National Board of Medical Examiners  
1986 Fellow of the Royal College of Physicians of Canada (Pediatrics)  
1986 American Board of Medical Toxicology  
1986 American Board of Pediatrics  
1987 License to Practice Medicine - State of Colorado (discontinued, 2001)  
1991 American Board of Clinical Pharmacology  
1995 Special Qualification in Toxicology - Joint board exam by the American Board of Emergency Medicine, American Board of Pediatrics and American Board of Preventative Medicine (Recertification, Dec. 2020)  
1997 Fellow of the American College of Medical Toxicology  
1998 License to Practice Medicine- State of Missouri  
2017 Fellow, American College of Clinical Toxicology

**Faculty and Academic Appointments:**

1988 - 1998 Assistant Clinical Professor of Pediatrics, University of Colorado -- School of Medicine.  
1986 - 1988 Co-Director, Adverse Drug Reaction and Clinical Pharmacokinetics Clinic - National Jewish Hospital- Denver, CO  
1991 - 1998 Adjunct Professor - Environmental Sciences and Engineering Ecology -- Colorado School of Mines.  
2016 - 2019 Adjunct Professor of Emergency Medicine, Washington University School of Medicine.  
2019 - present Emeritus Professor of Emergency Medicine, Washington University School of Medicine.

**Committee and Board Memberships:**

U.S. E.P.A. Child Health Protection Advisory Committee  
Alternate Member 2000-2001  
Member 2001-2007  
Member- Science and Research Working Group 2000-2007  
Co-Chair, Science and Regulatory Working Group 2002-2003  
Co-Chair, Science Policy Working Group 2003-2007

ILSI Risk Science Institute- Workshop to Develop a Framework for Assessing Risks to Children from Exposure to Environmental Agents  
Planning committee member 2000-2001  
Conference participant July 2001

American Crop Protection Association- Child Health Task Force  
Member 2000-2004

Council for Biotechnology Information  
Member, Medical and Health Outreach Sub-committee 2000-2003  
Chair, Medical and Health Outreach Sub-committee & 2002-2003  
Member, Outreach Steering Committee 2002-2003

U.S. Environmental Protection Agency, Science Advisory Board. Supplemental Guidance for Assessing Cancer Susceptibility from Early Life Exposure to Carcinogens. Ad-hoc SAB Member	May 2003
ECETOC (European Centre for Ecotoxicology and Toxicology of Chemicals) Child Health Task Force, Brussels, Belgium	2003-2004
NAFTA Council for Environmental Cooperation -Expert Review of North American Indicators of Children’s Health and the Environment. Ottawa, Canada Appointed U.S. Technical Representative / Consulting expert	June 2004
Technical Workshop on Human Milk Surveillance and Biomonitoring for Environmental Chemicals in the United States (University of Pennsylvania, Hershey PA) Invited expert participant.	September 2004
NAFTA Council for Environmental Cooperation -Expert Review of the Draft Special Feature Report on Toxics and Children’s Health (“Taking Stock”), Montreal, Canada.	November 2004
NAFTA Council for Environmental Cooperation - Expert Review of the Draft: Children’s Health and the Environment in North America: a First Report on Available Indicators and Measures Appointed U.S. Technical Representative / Consulting expert	March 2005
The Biomonitoring Equivalents Pilot Project Derivation and Communication Expert Workshop, Estes Park, CO. Panel Expert Member	June, 2007
American College of Medical Toxicology, Board of Directors, Board Member	2006-2009
Cranfield University Institute of Environment and Health, ECETOC Workshop: Framework for the Development and Application of Environmental Biological Monitoring Guidance Values. Woburn, U.K.	June 2009
NCEH/ATSDR National Conversation on Public Health and Chemicals in the Environment. Member, Biomonitoring Working Group (Chair, Chemical Use and Exposure Pathways Sub-Group), Member, Leadership Council	June 2009 – Dec 2011
Medical Toxicology Foundation (Non-profit affiliate, American College of Medical Toxicology). Advisory Board member.	2009-2013
American Board of Pediatrics, Medical Toxicology Sub-Board (Examining body for Board Certification in Medical Toxicology). Member, Vice Chair (2012) and Chair (2013-14)	2010- 2015
ILSI/HESI (International Life Sciences Institute, Health and Environmental Sciences Institute) Emerging Issues Committee (Science Advisory Board) Member Chair	2012-2018 2016-2017

### **Publications and other Authorships:**

- Spielberg S.P., Gordon G.B., Blake D.A., Goldstein D.A., Herlong F.H., Predisposition to Phenytoin Toxicity Assessed *In Vitro*. *New England Journal of Medicine*, 305:722-726 (1981).
- Contributing Editor. Formulary and Fluid and Electrolytes in Cole C.G. (ed.) *The Harriet Lane Handbook* (tenth edition), Year Book Medical Publishers, Chicago (1984).
- Goldstein D.A., Zimmerman B., Spielberg S.P., Anaphylactic Response to Hydrocortisone in Childhood, *Annals of Allergy*, 55:599-600 (1985).
- Goldstein D. Tetracyclines in *Antimicrobial Drugs in Infants and Children*, Koren G., Prober C.R., Gold R. (eds) Marcel Dekker, NY.
- Goldstein D.A., Tan Y.K., Soldin J.S., Pharmacokinetics and Absolute Bio-availability of Salbutamol in Healthy Adult Volunteers. *European Journal of Clinical Pharmacology*, 32:631-634 (1987).
- Goldstein D.A., Clarke J.T.R., Soldin S.J. Volume of Distribution of Phenytoin Not Altered in Storage Disease. *AMA Archives of Neurology*, 44:577-578 (1987).
- Goldstein D.A., McGuigan M., et. al., Acute Tricresylphosphate Intoxication in Children, *Human Exp Toxicology*, 7:179-182 (1988).
- Vaisman N, Koren G, Goldstein D, Canny GJ, Tan YK, Soldin S, Pencharz P. Pharmacokinetics of inhaled salbutamol in patients with cystic fibrosis versus healthy young adults. *J Pediatrics* 111:914-917 (1988)
- Goldstein D.A., Therapeutic Drug Monitoring in *Office Based Pediatrics*, Dershewitz R. (ed.). JP Lippincott, Philadelphia.
- Goldstein D.A., Teitelbaum D.T., Your Occupational Physical, (Privately published).
- Goldstein DA, Acquavella JF, Mannion RM, Farmer DR. An Analysis Of Glyphosate Data From The California Environmental Protection Agency Pesticide Illness Surveillance Program. *J Toxicol Clinical Toxicol* 40(7):885-892, 2002.
- ILSI (International Life Science Institute: Final Report: Workshop to Develop A Framework For Assessing Risks to Children From Exposures to Environmental Agents. ILSI, Washington DC, 2003
- U.S. EPA Science Advisory Board, Ad-hoc Committee. A Review of EPA's Draft Supplemental Guidance for Assessing Cancer Susceptibility from Early-Life Exposure to Carcinogens. EPA-SAB-04-003, March 2004. (Panel member / Co-author)
- Goldstein DA, Shelton PE, Cullen MR, Easterday PA, Eppard PJ, Cabanilla BR. Responding to the Challenge of Novel Technology: An Industrial Hygiene and Safety Program for Antibody Production in Maize. *J. Occupational Envir Medicine* 46(8):784-790, 2004.
- Goldstein DA, Thomas JA. Biopharmaceuticals Derived from Genetically Modified Plants. *Quarterly Journal of Medicine* 97(11): 705-716, 2004
- Fischman ML, Goldstein DA, Cullen MR. Emerging Technologies (Chapter 18). In: Rosenstock L, Cullen M, Brodtkin C, Redlich C. *Textbook of Clinical Occupational and Environmental Medicine*, Elsevier. New York, 2005.
- ECETOC Task Force, Technical Report Number 96: Trends in Children's Health and the Role of Chemicals: State of the Science Review. ECETOC Publication, Brussels, Belgium, June 2005.

- Wong RY, Bates MN, Goldstein DA, Hayes SG, Hench KD, Lawrence RA, Paul IM, Zhengmin Q. Human Milk Research for Answering Questions About Human Health. *J Toxicol Envir Health* 68(20), part A:1771-1802, 2005. (In: Lekind JS (ed) Part A: Current Issues- Technical Workshop on Human Milk Surveillance and Biomonitoring for Environmental Chemicals in the United States, published as *J Toxicol Envir Health* volume 68, Part A)
- Berlin CM, Lakind JS, Fenton SE, Wang RY, Bates MN, Brent RL, Condon M, Crase BL, Dourson ML, Ettinger AS, Foos B, Furst P, Giacoia GP, Goldstein DA, Hayes SG, Hench KD, Kacew S, Koren G, Lawrence RA, Mason A, McDiarmid MA, Moy G, Needham LL, Paul IM, Pugh LC, Zhengmin Q, Salamone L, Selevan SG, Sonawane B, Tarzian AJ, Tully MR, Uhl K. Conclusions and Recommendations of the Expert Panel: Technical Workshop on Human Milk Surveillance and Biomonitoring for Environmental Chemicals in the United States. *J Toxicol Envir Health* 68(20), part A:1825-1830, 2005. (In: Lekind JS (ed) Part A: Current Issues- Technical Workshop on Human Milk Surveillance and Biomonitoring for Environmental Chemicals in the United States, published as *J Toxicol Envir Health* volume 68, Part A)
- Goldstein DA, Tinland B, Gilbertson LA, Staub JM, Bannon GA, Goodman RE, McCoy RL, Silvanovich A. Human safety and genetically modified plants: a review of antibiotic resistance markers and future transformation selection technologies. *Journal of Applied Microbiology* 99(1): 7-23, 2005.
- Hays SM, Aylward LL, LaKind JS, Bartels MJ, Barton HA, Boogaard P, Brunk C, DiZio S, Dourson M, Goldstein DA, Lipscomb J, Kilpatrick ME, Krewski D, Krishnan K, Nordberg M, Okino M, Tan YM, Viau C, Yager JW. Guidelines for the Derivation of Biomonitoring Equivalents: Report from the Biomonitoring Equivalents Expert Workshop. *Reg. Toxicol. Pharmacol.* 54 (3):sup 4-15,2008
- LaKind JS, Aylward LL, Brunk C, DiZio S, Dourson M, Goldstein DA, Kilpatrick ME, Krewski D, Bartels M, Barton H, Boogaard P, Lipscomb J, Krishnan K, Nordberg M, Okino M, Tan C, Viau C, Yager JW, Hays SM. Guidelines for the Communication of Biomonitoring Equivalents: Report from the Biomonitoring Equivalents Expert Workshop. *Reg. Toxicol. Pharmacol.* 54(3):sup 16-23, 2008
- Vicini J, Ballam J, Denham S, Staub R, Goldstein D, Cady R, McGrath MF, Etherton T, Kris-Etherton P, Lucy M. Survey of Milk Composition in the United States as Affected by Bovine Somatotropin Label Claims. *Journal of the American Dietetic Association* 108:1198-1203, 2008.
- Harris WS, Lemke SL, Hansen SN, Goldstein DA, DiRienzo MA, Su H, Nemeth MA, Taylor ML, Ahmed G, George, C. Stearidonic Acid-Enriched Soybean Oil Increased the Omega-3 Index, an Emerging Cardiovascular Risk Marker. *Lipids* 43:805-811, 2008.
- Roberts DM, Buckley NA, Mohamed F, Eddleston M, Goldstein DA, Mehrsheikh A, Bleeke MS, Dawson AH. A prospective observational study of the clinical toxicology of glyphosate-containing herbicides in adults with acute self-poisoning. *Clin Toxicol* 48(2):129-36, 2010.
- Lemke SL, Vicini JL, Su H, Goldstein DA, Nemeth MA, Krul ES, Harris WS. Dietary intake of stearidonic acid-enriched soybean oil increases the omega-3 index: randomized, double-blind clinical study of efficacy and safety. *Am J Clin Nutr.* 92:766-75, 2010.
- Krul ES, Lemke SL, Mukherjea R, Taylor ML, Goldstein DA, Su H, Liu P, Lawless A, Harris WS, Maki KC. Effects of Duration of Treatment and Dosage of Eicosapentaenoic Acid and Stearidonic Acid on Red Blood Cell Eicosapentaenoic Acid Content. *Prostaglandins, Leukotrienes and Essential Fatty Acids* 86:51-59, 2012.
- Lemke SL, Maki KC, Hughes G, Taylor ML, Krul ES, Goldstein DA, Su H, Rains TM, Mukherjea R. Consumption of Stearidonic Acid Rich Oil in Foods Increases Red Blood Cell Eicosapentaenoic Acid. *J Acad Nutr Diet.* 113:1044-1056, 2013.
- Casey JM, Banz WJ, Krul ES, Butteiger DN, Goldstein DA, Davis JE. Effect of stearidonic acid-enriched soybean oil on fatty acid profile and metabolic parameters in lean and obese Zucker rats. *Lipids in Health and Disease* 12:147 (2013)

Goldstein, DA. Tempest in a Tea Pot: How did the Public Conversation on Genetically Modified Crops Drift so far from the Facts? *J. Med Toxicol* 10(1):402-407. Published online May, 2014 at: DOI 10.1007/s13181-014-0402-7

Goldstein, DA. *The Historical Apothecary Compendium: A Guide to Terms and Symbols* (Book), Schiffer Publications, Atglen, Pennsylvania, 2015. ISBN: 978-0-7643-4926-3

McGuire MK, McGuire MA, Price WJ, Shafii B, Carrothers JM, Lackey KA, Goldstein DA, Jensen PK, Vicini JL. Glyphosate and aminomethylphosphonic acid are not detectable in human milk. *Am J Clinical Nutrition*. Published ahead of print March 30, 2016, doi: 10.3945/ajcn.115.126854.

### **Abstracts and Selected Lectures:**

Hughes H.E., Goldstein D.A., The Teratogenic Effects of Concomitant Use of Ergotamine, Beta Blockers, and Caffeine (Abstract). *The David Smith Malformation and Morphogenesis Meeting*, June 1985.

Koren G., Barzily Z., Goldstein DA. Tenfold Errors in Computation of Drug Doses in Children -- A Neglected Iatrogenic Disease. *Pediatric Research*, 20:258A (1986).

Goldstein DA. Successful Hemodialysis of Procainamide and N-Acetyl Procainamide in Acute Overdose (Abstract/Poster) ABMT Annual Scientific Meeting, 1988.

Goldstein, D.A., Reactive Airways Disease Syndrome Following Inhalational Exposure to Hydrochloric Acid Mist or Vapors. *Veterinary and Human Toxicology*, 36(4):345 August 1994.

McConnell EE (moderator), MacGregor J, Goldman L, Kendall R, Goldstein DA, Ellis G (short lectures & panel discussion). Issues Session: The value and Ethics of Using Human Pesticide Data for the Registration of Pesticides. 39<sup>th</sup> Annual Meeting of the Society of Toxicology, Philadelphia, PA, March 2000.

Goldstein, DA. Safety of Bioengineered Foods (lecture). Modified Foods in the Marketplace- Public Health and Nutrition Update- 2000, University of North Carolina, April 2000

Goldstein DA., The Medical Toxicologist in Industry- Two Years Before the Mast. American Assoc. of Poison Control Centers / American College of Clinical Toxicology / Canadian Assoc of Poison Control Centers and Clinical Toxicologists (Conjoint Meeting), Tucson, AZ, September 2000. (Lecture, Panel Discussion).

Goldman, L, Damstra T (moderators), Bearer C, Goldstein DA, Kirshner A, Paulson J, Schwetz B, Sonawane R, Cleveland C (discussants). Panel Discussion: How Do We Strengthen the Science and Practice of Assessing Risks to Children. Children's Health and the Environment 2000. Colorado Springs, CO, September 2000

Sonawane B., G.L. Ginsberg, D.A. Goldstein, N.B. Beck. A Conceptual Framework To Evaluate The Risks Of Environmental Chemical Exposures To Children: Issues For Consideration. (Abstract/Lecture) International Union of Toxicology, International Congress of Toxicology (ICT-IX), Brisbane, Australia, July, 2001.

Goldstein, DA. Agrochemical Toxicology- Introduction: Pesticide Regulation- What a Clinician Needs to Know. American College of Occupational Medicine State of the Art Conference (SOTAC), October 2002.

Goldstein, DA. Agrochemical Toxicology- A Mechanistic Approach to Herbicide Toxicology. American College of Occupational Medicine State of the Art Conference (SOTAC), October 2002.

Goldstein, DA. Differential Susceptibility of Older Persons to Environmental Hazards: An Industry Viewpoint. National Academy of Sciences workshop on Differential Susceptibility of Older Persons to Environmental Hazards, December 2002.

Goldstein, DA. Making the Case: The Need to Improve Health Care Provider Education and Practice: The Issue in Perspective. NEETF (National Environmental Education Task Force), National Forum Agenda: National Strategies for Health Care Providers: Pesticide Initiative, June 2003, Washington DC



- Acquavella JF, Goldstein, DA. Farm Family Exposure Study: Results for Glyphosate (Roundup™). Brazilian Toxicology Congress, Londrina, Brazil, September 2003
- Goldstein, DA. Farmers and Farm Families: Pesticide Exposure, Personal Protection, Risk Assessment, and Epidemiology. American College of Occupational Medicine, Kansas City, Missouri.
- Goldstein, DA. Long Term Risk Assessment of Genetically Modified (GM) Organisms in Crops and Food. MediChem, Paris, 2004.
- Goldstein DA, Acquavella JF, Farmer DR. Physico-Chemical Properties of Pesticides Related to Probable Exposure Routes and Exposure Prevention Strategies: Observations from the Farm Family Exposure Study. (Poster) MediChem, Paris, 2004.
- Goldstein DA. An Evaluation of Environmental Health Trends Among Children Based on Medical and Scientific Evidence (Abstract/Lecture). Society of Toxicology (SOT), New Orleans, March 2005.
- Goldstein DA, Farmer DL, Levine SL, Garnett RP. Mechanism of Toxicity of Commercial Glyphosate Formulations: How Important Is The Surfactant? (Invited lecture/abstract) European Association of Poison Control Centers and Clinical Toxicologists, Berlin, May 2005.
- Goldstein DA. Nutritionally Enhanced GM Food: Food Security, Nutrition, and Human Health. IX Congresso Brasileiro de Nutrologia, Sao Paulo, Brazil, September 9
- Goldstein DA. Nutritionally Enhanced GM Food: Food Security, Nutrition, and Human Health (Invited lecture/abstract). IX Congresso Brasileiro de Nutrologia, Sao Paulo, Brazil, September 9, 2005
- Goldstein DA. Plant-Made-Pharmaceutical Production in Food Crops- Yes?... No?... Maybe: (Invited lecture (tele-presentation) and panel discussion.) Oregon Department of Agriculture and Department of Human Services- Biopharming Ad Hoc Committee. March 27,2006
- Goldstein DA. Introduction to Plant Biotechnology: Technology, Safety, and Human Health. Maui Medical Society, September, 2006.
- Goldstein, DA. Biodiagnostic Markers: Pitfalls on the Path from Biomonitoring to Medical Diagnosis (Invited lecture, followed by panel discussion). 2007 Pesticide Worker Safety and Health Conference, US EPA OPP Worker Protection Branch, Arlington, Virginia, October 2-4, 2007.
- Food Biotechnology (invited lecture and discussion) Graduate seminar series, St. Louis University School of Public Health. St. Louis, Missouri, April 2, 2008.
- Goldstein DA, Lemke SL. Use of Biotechnology for Nutritional Improvements: The Oil Case. Monsanto Company. (Invited lecture) Nutri-Health (Nutri-Salud) Forum, Buenos Aires, Argentina, April 11, 2008.
- Lemke SL, Goldstein DA, Su H, Nemeth MA, Krul ES, Harris WS. Plant biotechnology and heart health: the effects of stearidonic acid-enriched soybean oil on the omega-3 index and other markers. American Heart Association Scientific Session, November 2009.
- Lemke SL, Wilkes RS, Welsby D, Goldstein DA, Krul ES, Mukherjea R, and Harris WS. Stearidonic acid-enriched soybean oil as an effective source of long-chain polyunsaturated fat in foods. Experimental Biology (FASEB), Anaheim, California, April 2010.
- Krul ES, Lemke SL, Mukherjea, R, Goldstein DA, Su H, Nemeth MA, Harris WS. Stearidonic acid-enriched soybean oil: a novel source of cardioprotective omega-3 fatty acids. Experimental Biology (FASEB), Anaheim, California, April 2010.
- Mukherjea R, Krul ES, Liu P, Lemke SL, Taylor ML, Goldstein DA, Su H, Harris WS, Maki KC. Effects of Duration of Dose and Treatment of Dietary Eicosapentaenoic Acid (EPA) and Stearidonic Acid (SDA) on EPA Levels in Red Blood Cell (RBC) Membranes. *FASEB J.* 25:349, April 2011.

- Goldstein DA. Epidemiology and the Media- Industry Responses: A Dental Hygiene Approach. CropLife America, Spring Meeting, Washington DC, April 2011.
- Garlich FM; Goldman M, Pepe J, Nelson LS, Allan MJ, Goldstein DA, Goldfarb DS; Hoffman RS. (2011) Hemodialysis Clearance of Glyphosate Following a Life-threatening Ingestion of Glyphosate-Containing Herbicide. *Clinical Toxicology* 49:264. Presented at EAPCCT, Dubrovnik, Croatia, May 2011.
- Casey JM, Banz WJ, Krul ES, Butteiger DN, Goldstein DA, Davis JE. Stearidonic acid-enriched soybean oil improved metabolic and omega-3 profile in obese Zucker rats. Presented at ASN/Experimental Biology, San Diego, CA, April 2012.
- Park EI, Mary TL, Su H, Nemeth MA, Lemke, SL, Goldstein, DA, Wilkes, RS, and Vicini, JL. Stearidonic Acid (SDA) from soybeans affects the EPA levels in red blood cells. ISFAAL, Vancouver, Canada, May 2012.
- Goldstein DA. The use of epidemiology in pesticide risk assessment. ILSI Brazil Annual meeting, Campinas, Brazil, April 2013.
- Goldstein DA. Contrasts and Interactions between epidemiology and toxicology. Symposium on epidemiology and pesticide risk assessment, ILSI Brazil Annual meeting, Campinas, Brazil, April 2013.
- Goldstein DA. From Bt to RNAi: Current and emerging uses of insecticidal toxins in genetically engineered crops. Natural Toxins Pre-Meeting Symposium, American College of Medical Toxicology Spring Meeting, Phoenix, AZ, March, 2014.
- Goldstein DA. Information Challenges: A Clinical Perspective- Reporting Data and Diagnostic Biomarkers. CropLife America Spring Meeting, Washington DC, May 2014.
- Goldstein DA. Nourishing 9 Billion-: Comments (Brief slide presentation, discussion, and workshop) Tufts University SolutionLab- Nourishing 9 Billion. Fletcher School of Law and Diplomacy, Medford MA, April 2015.
- Goldstein DA. Debate: Plant Biotechnology. Pediatric Academic Societies / Society for Pediatric Research, San Diego, CA, May 2015.
- Goldstein DA. Glyphosate Safety. Symposium on the Toxicological Aspects of Glyphosate. CropLife Sri Lanka, Colombo, Sri Lanka, November 2015
- Goldstein DA. Glyphosate Safety. Symposium on Emerging Trends on Agrochemicals and CKDu. Toxicological Society of Sri Lanka, Colombo, Sri Lanka, November 2015.
- Goldstein DA. Glyphosate Safety. Special Session on CKDU (PGIA Congress, special session), University of Peradeniya. Kandy, Sri Lanka, November 2015.
- Goldstein DA. Glyphosate/Pesticide Residues in Feed. American Society of Animal Sciences, Baltimore, MD, July 2017.
- Goldstein DA. Glyphosate and Cancer (IARC): Epidemiology and Exposure Perspectives. World Toxicologic Pathology Congress, Sao Paulo, Brazil. April 22, 2018.

### **Letters and Editorials:**

- Goldstein, D.A., "Prognostic Significance of Short Umbilical Cord." (Letter) *Journal of Pediatrics*, 108:332 (1986).
- Rieder M.J., Goldstein D.A., Koren G., "VDT's: Is There a Danger of Radiation?"(Letter) *Canadian Medical Association Journal*, 135:12.



- Goldstein D.A., Letter to the editor (Response to: "The Toxic Emergency - Cardiac Glycosides"), (Letter), *Emergency Medicine*, 19:11 (1987).
- Goldstein D.A., Cullen M.R., Farmer D.R., Martens M.A., Ford J.E., "Herbicide (Roundup™) Pneumonitis", *Chest*, 116:1139, (1999).
- Burns C, Goldstein D. Pesticides and Neurologic Symptoms (Letter to the Editor). (Response to: Kamel F, Engel LS, Gladen BC, Hoppin JA, Alavanja MCR, Sandler DP. Neurologic symptoms in licensed private pesticide applicators in the Agricultural Health Study. *Environ Health Perspect* 113:877–882.) *Environmental Health Perspectives* 113(12):800 (2005)
- Goldstein DA, Kowalczyk DF, Vicini JL, Buonomo FC, Farmer DR. Twinning and Higher Intake of Dairy Products (Letter to the Editor). (Response to: Steinman G: Mechanisms of twinning: VII. Effect of diet and heredity on the human twinning rate. *J Reprod Med* 52:140–142 (2007).
- Goldstein DA. Sarcosine Risk Misinterpreted (Letter to the Editor). (Response to: Rudesill, J. Glyphosate Metabolism, *Chemical and Engineering News* 87(47):4, 2009.) *Chemical and Engineering News* 88(10):4-5 (2010)
- Goldstein DA, Dubelman S, Grothaus D, Hammond BG. Comment: Aris and Leblanc "Maternal and fetal exposure to pesticides associated to genetically modified foods in Eastern Townships of Quebec, Canada." *Reproductive Toxicology* 33:120– 121 (2012)
- Letter to the Editor (Response to: Séralini GE, Clair E, Mesnage R, et al. Long-term toxicity of a Roundup herbicide and a Roundup-tolerant genetically modified maize). *Food and Chemical Toxicology* 53:459–464, 2013
- Goldstein DA. Inaccuracies Regarding Glyphosate Products. (Response to Roberts et al., Technical Report: Pesticide Exposure in Children, *Pediatrics* 2012; 130:6 e1765-e1788), Published online at: [http://pediatrics.aappublications.org/content/130/6/e1765.full/reply#pediatrics\\_el\\_54935](http://pediatrics.aappublications.org/content/130/6/e1765.full/reply#pediatrics_el_54935) (2012)
- Goldstein DA, Saltmiras DA. Letter to the editor Neurodevelopmental toxicity: still more questions than answers (section title, covers multiple letters). (Response to: Grandjean P, Landrigan PJ. Neurobehavioral effects of developmental toxicity. *Lancet Neurol* 13:330–38). *Lancet Neurology* 13:645 (2014)
- Karberg K, Goldstein D, Dunn SE. Glyphosate levels in older adults (Response to: Mills PJ, et al. Excretion of the Herbicide Glyphosate in Older Adults Between 1993 and 2016, *JAMA*. 2017;318(16):1610-1611). *JAMA* 319(13):1384-1385 (2018)
- Goldstein DA, Dunn SE, Karberg K. "Reversible Parkinsonism" following glyphosate exposure. (Response to: Reversible Parkinsonism induced by acute exposure glyphosate. Qian Zheng et al. *Parkinsonism & Related Disorders* 50:121). *Parkinsons and Related Diseases*. doi: 10.1016/j.Prkrel.2018.06.012 (Accepted 5 June 2018)

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