

Gregory P. Toth, Research Biologist, in EPA's National Exposure Research Laboratory

Exposure Methods and Measurements Division

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Area of Expertise: My historic research focused on development of indicators of chemical exposure for aquatic organisms in the laboratory, in mesocosms and in rivers and streams.

Select Publications:

Lattier, D. L., T. V. Reddy, D. A. Gordon, J. M. Lazorchak, M. E. Smith, D. E. Williams, B. E. Wiechman, R. Flick, A. L. Miracle, AND G. P. Toth. 17A-ETHYNYLESTRADIOL-INDUCED VITELLOGENIN GENE TRANSCRIPTION QUANTIFIED IN LIVERS OF ADULT MALES, LARVAE, AND GILLS OF FATHEAD MINNOW (*PIMEPHALES PROMELAS*). ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY 21(11):2385-2393, (2002).

LAZORCHAK, J. M., M. MILLS, G. D. SAYLES, R. C. BRENNER, A. D. BIALES, AND G. P. TOTH. 2002/2003 NATIONAL SCREENING SURVEY OF EDCS IN MUNICIPAL WASTEWATER TREATMENT FACILITIES. Presented at ORSANCO Research Committee Meeting, Cincinnati, OH, December 02, 2004.

Kavlock, R J., G T. Ankley, J N. Blancato, T W. Collette, E Z. Francis, L E. Gray Jr., K Hammerstrom*, J Swartout*, H A. Tilson, G P. Toth, G D. Veith, E J. Weber, D C. Wolf, AND D M. Young*. A FRAMEWORK FOR A COMPUTATIONAL TOXICOLOGY RESEARCH PROGRAM IN ORD. U.S. Environmental Protection Agency, Washington, DC, EPA 600/R-03/065 (NTIS PB2005-105438), 2003.

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Education:

- Ph.D. in Biological Chemistry, 1982, University of Cincinnati, College of Medicine
- B.S. in Chemistry, 1975, John Carroll University

Professional Experience:

- Acting Deputy/Deputy, USEPA, ORD/NERL/EERD, 2010 to present
- Senior Scientist / Acting Branch Chief / Research Biologist, USEPA, ORD/NERL/EERD, 2006 to 2009
- NERL Computational Toxicology Program Lead, USEPA, ORD/NERL, 2003 to 2005

- Branch Chief, Molecular Ecology Research Branch, USEPA, ORD/NERL/EERD, 1995 to 2002
- Research Chemist, USEPA, 1986 to 1995
- National Research Council Postdoctoral Fellow, USEPA, 1985 to 1986
- Postdoctoral Fellow, University of Cincinnati, College of Medicine, Department of Physiology, 1982 to 1984