Kevin Crofton, Deputy Director, in EPA's National Center for Computational Toxicology

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Area of Expertise: Dr. Crofton has worked for more than 30 years as a developmental neurotoxicologist at the US Environmental Protection Agency's Office of Research and Development in Research Triangle Park, North Carolina. His research interests include developmental neurotoxicity, with an emphasis on development of adverse outcome pathways and in vitro alternative testing methods.

Select Publications:

Mundy WR, Padilla S, Breier JM, Crofton KM, Gilbert ME, Herr DW, Jensen KF, Radio NM, Raffaele KC, Schumacher K, Shafer TJ, Cowden J. Expanding the test set: Chemicals with potential to disrupt mammalian brain development. Neurotoxicol Teratol. 2015 52:25-35. Exit

Tollefsen KE, Scholz S, Cronin MT, Edwards SW, de Knecht J, Crofton K, Garcia-Reyero N, Hartung T, Worth A, Patlewicz G Applying Adverse Outcome Pathways (AOPs) to support Integrated Approaches to Testing and Assessment (IATA). Regul Toxicol Pharmacol. 2014 70:629-40. Exit

Crofton K, Fritsche E, Ylikomi T, Bal-Price A. International STakeholder NETwork (ISTNET) for creating a developmental neurotoxicity testing (DNT) roadmap for regulatory purposes. ALTEX. 2014. 31:223-4. Exit

Bal-Price A, Crofton KM, Sachana M, Shafer TJ, Behl M, Forsby A, Hargreaves A, Landesmann B, Lein PJ, Louisse J, Monnet-Tschudi F, Paini A, Rolaki A, Schrattenholz A, Suñol C, van Thriel C, Whelan M, Fritsche E. Putative adverse outcome pathways relevant to neurotoxicity. Crit Rev Toxicol. 2015 45:83-91. orcid.org/0000-0003-1749-9971 Exit

View more research publications by Kevin Crofton.

Education:

- B.A., Miami University, Oxford, OH; Zoology, 1977
- M.S., Miami University, Oxford, OH; Zoology, 1980
- Ph.D., The University of North Carolina, Chapel Hill; Toxicology, 1986
- Postdoctoral Fellowship, U.S. EPA; Neurotoxicology, 1988

Professional Experience:

- Scientific and Technological Achievement Award (Level III) for "Characterization of an Adverse Outcome Pathway for the Thyroid-Disrupting Activity of Triclosan across Life-Stages"
- ORD Science Communication Award "For sustained communication about ORD's science to prioritize and screen chemicals and to enhance the interpretation of data in support of the Agency mission"

- Exceptional/Outstanding ORD Technical Assistance to the Regions or Program Office Award “For the development and presentation of reports to the sap on modeling approaches to estimate exposure and dose for use in cumulative risk”
- Gold Medal for Exceptional Service “For outstanding contributions to environmental protection through research in development of state-of-the-science methods to characterize environmental risks posed by perchlorate contamination”
- Society of Toxicology, Astra-Zenca Traveling Lectureship Award.

Additional Publications:

National Center for Biotechnology Information Exit