

**Chad Deisenroth, Cell Biologist, in EPA's National Center for Computational Toxicology**

[Mailing Address](#)

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**Area of Expertise:** Dr. Deisenroth is a cell biologist in the National Center for Computational Toxicology. He leads efforts to develop and apply novel high-throughput and organotypic cell-based in vitro assays for evaluating effects of chemicals on the endocrine system.

**Select Publications:**

Briana Foley, Daniel Doheny, Michael Black, Salil N. Pendse, Barbara Wetmore, Rebecca Clewell, Melvin E. Andersen, Chad Deisenroth. [Screening ToxCast prioritized chemicals for PPARG function in a human adipose-derived stem cell model of adipogenesis](#). Toxicol Sci. 2017 Jan; 155(1):85-100. [Exit](#)

Valerie Soldatow, Richard C. Peffer, O. Joseph Trask, David E. Cowie, Melvin E. Andersen, Edward LeCluyse, Chad Deisenroth. [Development of an in vitro high content imaging assay for quantitative assessment of rat, mouse, and human primary hepatocyte proliferation](#). Toxicol In Vitro. 2016 Oct; 36: 224-37. [Exit](#)

Briana Foley, Rebecca Clewell, Chad Deisenroth. [Development of an Adipose-Derived Stem Cell Model for Characterization of Chemical Modulation of Adipogenesis](#). Applied In Vitro Toxicology. 2015 March; 1(1): 66-78. [Exit](#)

View more research publications [Chad Deisenroth](#).

**Education:**

- B.S., Montana State University, Bozeman, MT; Microbiology, 2002
- Ph.D., The University of North Carolina, Chapel Hill; Genetics and Molecular Biology, 2010
- Postdoctoral Fellowship, Institute of Chemical Safety Sciences, The Hamner Institutes for Health Sciences; 2013

**Professional Experience:**

- The Society of Toxicology
- American Society for Cellular and Computational Toxicology

**Additional Publications:**

[National Center for Biotechnology Information](#) [Exit](#)