Angela Buckalew

Education

- B.S., North Carolina State University, Raleigh, NC: Biology, 1990.

Professional Experience

- 1990-1994: Scientist, ManTech Environmental Technology, Contractor to EPA.
- 1995-1986: Research Technician, Penn State Univ. College of Medicine, Hershey, PA.
- 1997-Present: Biologist, EPA.

Awards and Honors

- EPA Scientific and Technological Achievement Awards, Level II and Level III.

Selected Publications

Hecker M, Hollert H, Cooper R, Vinggaard AM, Akahori Y, Murphy M, Nellemann C, Higley E, Newsted J, Wu R. 2007. The OECD validation program of the h295r steroidogenesis assay for the identification of *in vitro* inhibitors and inducers of testosterone and estradiol production. Phase 2: Inter-laboratory pre-validation studies. Env Sci Pollut Res. 14:23–30. Abstract

Goldman JM, Murr AE, Buckalew AR, Ferrell JM, Cooper RL. 2007. Moderating influence of the drinking water disinfection by-product dibromoacetic acid on a dithiocarbamate-induced suppression of the luteinizing hormone surge in female rats. Reprod Toxicol. 23:541-9. Abstract

Stoker TE, Ferrell JM, Laws SC, Cooper RL, Buckalew AR. 2006. Evaluation of ammonium perchlorate in the endocrine disruptor screening and testing program's male pubertal protocol: Ability to detect effects of thyroid endpoints. Toxicology. 228:58-65. Abstract

Abbott BD, Buckalew AR, Leffler KE. 2005. Effects of epidermal growth factor (EGF), transforming growth factor-alpha (TGF-alpha), and 2,3,7,8-tetrachlorodibenzo-p-dioxin on fusion of embryonic palates in serum-free organ culture using wild-type, EGF knockout, and TGF-alpha knockout mouse strains. Birth Defects Res A Clin Mol Teratol. 73:447-54. Abstract

Goldman JM, Murr AS, Buckalew AR, Schmid JE, Abbott BD. 2004. Methoxychlor-induced alterations in the histological expression of angiogenic factors in pituitary and uterus. J Mol Histol. 35:363-75. Abstract

Abbott BD, Buckalew AR, DeVito MJ, Ross D, Bryant PL, Schmid JE. 2003. EGF and TGF-alpha expression influence the developmental toxicity of TCDD: Dose response and AHR phenotype in EGF, TGF-alpha, and EGF + TGF-alpha knockout mice. Toxicol Sci. 71:84-95. Abstract