

# Lillian F. Strader

## Education

- B.S., NC State University; Animal Science, 1997.

## Professional Experience

- Oct. 1987 – present: Biologist, Reproductive Toxicology Division, USEPA, Research Triangle Park, NC
- Apr. 1979 – Oct. 1987: Scientist, Northrop Services, Inc., Research Triangle Park, NC
- Apr. 1978 – Mar. 1979: Physical Science Technician, National Marine Fisheries Service, NOAA, Pivers Island, NC
- Oct. 1974 – Mar. 1978: Biological Technician, USEPA, Research Triangle Park, NC

## Selected Awards And Honors

- Scientific and Technological Achievement Award (STAA), Level II, 2004

## Publications

Goetz AK, Ren H, Schmid JE, Blystone CR, Thillainadarajah I, Best DS, Nichols HP, Strader LF, Wolf DC, Narotsky MG, Rockett JC, Dix DJ. 2007. Disruption of testosterone homeostasis as a mode of action for the reproductive toxicity of triazole fungicides in the male rat. *Toxicol Sci.* 95:227-39. [Abstract](#)

Klinefelter GR, Strader LF, Suarez JD, Roberts NL, Goldman JM, Murr AS. 2004. Continuous exposure to dibromoacetic acid delays pubertal development and compromises sperm quality in the rat. *Toxicological Sciences* 81:419-29. [Abstract](#)

Klinefelter GR, Strader LF, Suarez JD, Roberts NL. 2002. Bromochloroacetic acid exerts qualitative effects on rat sperm: Implications for a novel biomarker. *Toxicol Sci.* 68:164-73. [Abstract](#)

Luben TJ, Olshan AF, Herring AH, Jeffay SC, Strader LF, Buus RM, Chan RL, Savitz DA, Singer PC, Weinberg HS, Perreault SD. 2007. The healthy men study: An evaluation of exposure to disinfection by-products in tap water and sperm quality. *Environ Health Perspect.* 115:1169-76. [Abstract](#)

Miki K, Qu W, Goulding EH, Willis WD, Bunch DO, Strader LF, Perreault SD, Eddy EM, O'Brien DA. 2004. Glyceraldehyde 3-phosphate dehydrogenase-s, a sperm-specific glycolytic enzyme, is required for sperm motility and male fertility. *Proc Natl Acad Sci U S A.* 101:16501-6. [Abstract](#)

Olshan AF, Perreault SD, Bradley L, Buus RM, Strader LF, Jeffay SC, Lansdell L, Savitz DA, Herring A. 2007. The healthy men study: Design and recruitment considerations for environmental epidemiologic studies in male reproductive health. *Fertil Steril.* 87:554-64. [Abstract](#)

Tully DB, Bao W, Goetz A, Blystone C, Ren H, Schmid JE, Strader LF, Wood CR, Best DS, Narotsky MG, Wolf DC, Rockett JC, Dix DJ. 2006. Gene expression profiling in liver and testis of rats to characterize the toxicity of triazole fungicides. *Toxicol Appl Pharmacol.* 215:260-73. [Abstract](#)