

# Perfluorooctane sulfonate (PFOS)

- Persistent organic pollutant used in variety of products and found ubiquitous in the environment
  - Long half-life in humans, environmental persistence and mammalian toxicity
    - Potential risks require assessment
  - Substantial interspecies differences in toxicokinetics
    - Risk assessment is difficult
- Current study introduces physiologically-based pharmacokinetic model that is validated through several species

# Physiologically based pharmacokinetic model

## ODE system

