

SEMINAR

Center for Integrative Toxicology

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"An Internal-Dose Approach to the Risk Assessment of Perfluorooctanoic Acid (PFOA) – A Biopersistent Chemical"

Brief Overview

Perfluorinated chemicals (PFC's) have been used in manufacturing and commercial applications since the 1950's. Some of these chemicals are biopersistent and have been detected worldwide in environmental monitoring and human biomonitoring studies. PFOA is a surfactant used as a processing agent to produce fluoropolymer high-performance materials. It is also an unintended byproduct detected at trace levels in some perfluorooctane sulfonic acid (PFOS)-based products and fluorotelomer-based products. There is significant scientific and regulatory interest in understanding the sources, fate and potential hazards of PFC's. This presentation will provide a broad overview on the PFOA exposure, toxicology, mechanistic, and epidemiology data that have been used to develop internal-dose risk assessments based on serum concentrations. Future research initiatives on PFOA will also be discussed.

Thursday, January 31, 2008

11:30 a.m.

162 Food Safety Toxicology Building

Lunch will be provided ~ Please RSVP by 1/25 to
Amy Swagart at swagart@msu.edu or 353-6469