

**External Peer Review of a Report on Physiologically Based Pharmacokinetic (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance**

***Final List of Peer Reviewers***

September 2020

The U.S. Environmental Protection Agency's (EPA) Center for Public Health and Environmental Assessment (CPHEA) announced in a recent *Federal Register* Notice that it is initiating a peer review of a Report on Physiologically Based Pharmacokinetic (PBPK) Modeling for Chloroprene (Ramboll, 2020) and Supplemental Analysis of Metabolite Clearance (U.S. EPA, 2020). These documents will undergo external scientific peer review managed by Versar, an EPA contractor. Versar has identified nationally and internationally recognized experts with experience and expertise in one or more of the following areas: physiologically based pharmacokinetic (PBPK) modeling, statistics, mass transport fluid dynamics and molecular diffusion, and metabolic rates *in vitro*. Below is the final list of peer reviewers with their affiliation and expertise. In total, Versar has identified nine (9) candidates based on their relevant expertise and willingness to serve.

Questions regarding the peer review should be submitted to Versar, Inc. by email: [chloroprenePBPK@versar.com](mailto:chloroprenePBPK@versar.com) (Subject line: Chloroprene PBPK Peer Review); or by phone (301) 304-3121 (ask for Tracey Cowen).

**PBPK Modeling**

**Annie Lumen, Ph.D.**

U.S. Food and Drug Administration, National Center for Toxicological Research (NCTR)

Expertise: PBPK modeling

**Jordan Ned Smith, Ph.D.**

Pacific Northwest National Laboratory (PNNL)

Expertise: PBPK modeling; Metabolic rates *in vitro*

**Raymond S. H. Yang, Ph.D.**

Colorado State University

Expertise: PBPK modeling; Statistics; Metabolic rates *in vitro*; Mass transport fluid dynamics and molecular diffusion

**Statistics**

**Kenneth M. Portier, Ph.D. (Chair)**

Independent Consultant

Expertise: Statistics; PBPK modeling

**Kan Shao, Ph.D.**

Indiana University

Expertise: Statistics

**Yiliang Zhu, Ph.D.**

University of New Mexico School of Medicine

Expertise: Statistics

**Metabolic rates *in vitro***

**Leslie Z. Benet, Ph.D.**

University of California San Francisco

Expertise: Metabolic rates *in vitro*

**Jochem Louisse, Ph.D.**

Wageningen Food Safety Research (WFSR),

part of Wageningen University and Research, the Netherlands

Expertise: PBPK modeling; Metabolic rates *in vitro*

**Mass transport/fluid dynamics**

**Jeffrey J. Heys, Ph.D., P.E.**

Montana State University

Expertise: Mass transport fluid dynamics and molecular diffusion