

13TH Annual CEET Symposium June 18th, 2018
Henry A. Jordan Medical Education Center
Auditorium and Atrium
Perelman School of Medicine
University of Pennsylvania

Theme: Computational & Systems Toxicology

7:30 am – 8:30 am Registration and Continental Breakfast

8:30 am -8:45 am Welcome & Opening Remarks
Trevor M. Penning, PhD
The Thelma Brown and Henry Charles Molinoff Professor of
Systems Pharmacology & Translational Therapeutics
CEET Director

8:45 am – 10:15 am **Scientific Session I Systems Toxicology**

Integrative Omics Strategies to Study Asthma. Blanca E. Himes, PhD; Assistant Professor,
Informatics in Biostatistics & Epidemiology

Integrating Molecular Biology with Mass Spectrometry in Proteomics, Ian A. Blair, PhD, Director
Penn Superfund Research Program, A.N. Richards Professor of Systems Pharmacology &
Translational Therapeutics

Hanging in the Balance: Systems Level Perturbations to the Chronometabolome by Endocrine
Disrupting Compounds, Aalim Weljie, PhD, Research Assistant Professor of Systems
Pharmacology & Translational Therapeutics

10:15 am – 11:15 am **Poster Session with Coffee**

11:15 am - 12:15 pm **Keynote Speaker**

**Title: “Population-Based Animal and In Vitro
Toxicology Studies: Challenges and Opportunities”**

Ivan Rusyn, PhD
Professor

Department of Veterinary Integrative Biosciences in the College of
Veterinary Medicine & Biomedical Sciences at Texas A&M University in
College Station, TX.

12:15 pm- 1:30 pm **Lunch**

1:30 pm – 3:00 pm Scientific Session 2: Computational Toxicology

Integrative Machine Learning Analysis of Large Collections of Public Transcriptomic Data, Casey S. Greene, Assistant Professor, Systems Pharmacology & Translational Therapeutics

Quantitative Population Genomics in Environmental Health Science: Challenges and Opportunities, Ben Voight, Associate Professor. Systems Pharmacology & Translational Therapeutics

Accessible Artificial Intelligence for the Environmental Health Sciences, Jason Moore, PhD, Edward Rose, MD and Elizabeth Kirk Rose, MD Professor, Department of Biostatistics, Epidemiology & Informatics, Director Institute for Biomedical Informatics

3:00 pm– 4:00 pm Poster Session with Refreshments

4:00 pm – 5:00 pm Keynote Speaker

Title “Systems Toxicology and 3D Organo-typic Cell Cultures”
Helena Hogberg, PhD
Deputy Director Center for Alternatives to Animal Testing (CAAT)
Environmental Health & Engineering
Johns Hopkins University Bloomberg School of Public Health

5:00-6:00 Reception

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