

Agenda

Title: Turning Big Data to Knowledge (BD2K): A discussion of the NIH BD2K initiative and how it might advance the practice of Toxicology and Risk Assessment

12:15: Data Science and 21st Century Toxicology

John Reichard, PharmD, PhD

Lead toxicologist, TERA

Co-investigator, University of Cincinnati BD2K-LINCS DCIC

12:30 LINCS perturbation signatures and computational resources: applications in systems toxicology

Mario Medvedovic, PhD

Professor, University of Cincinnati, Laboratory for Statistical Genomics and Systems Biology

Director, Division of Biostatistics and Bioinformatics

12:50 Analytical Approaches to Large Scale Gene Expression Datasets

Aravind Subramanian

Broad Institute, LINCS Center for Transcriptomics, Cambridge, MA.

1:10 Q&A discussion

