

Exposomics Workshop Report 2015

Attendance 55 – 60

This year's workshop was entitled: *Measuring the Exposome: Strategies and Preliminary Results* and was moderated by H. M. Skip Kingston and Anthony Macherone. The purpose of the workshop was: to follow up on last year's successful workshop that introduced the exposome concept; advance the awareness of exposome and its role in chronic human disease and; illustrate and discuss strategies to measure and characterize the exposome through mass spectrometry and advanced bioinformatics. Speakers and topics were:

- Stephen M. Rappaport, University of California, Berkeley. *The exposome and EWAS*
- ViLinh T. Tran, HERCULES Emory University. *Untargeted LC-MS to measure the exposome*
- Skip Kingston, Duquesne University. *Autism and persistent organic pollutants*
- Chirag Patel, Harvard University. *Bioinformatics and the exposome*
- David Balshaw, National Institute of Environmental Health Sciences. *NIH Vision for the exposome and the Children's Health Exposure Analysis Resource (CHEAR)*

Each spoke for 8 – 10 minutes and presented 5 – 7 slides. Questions were posed to each speaker by the audience and/or moderators. Follow up discussion suggested that, in conjunction with NIEHS we propose a platform session for ASMS 2016 in San Antonio to present early results from the Children's Health Exposure Analysis Resource (CHEAR).