

## ASMS 2016 EXPOSOMICS INTEREST GROUP REPORT

### Exposomics Interest Group Workshop: MS-based Metabolomic Workflows to Characterize the Exposome

- Attendance: > 60
- Moderator: Anthony Macherone (Agilent)
- Speakers: David Balshaw (NIEHS), Skip Kingston (Duquesne University)
- Format: two short presentations and about 1-hour discussion, Q&A
- Common Themes: CHEAR and Early childhood exposures, food and the exposome, application of metabolomics workflows in charactering the exposome
- For next year: Invite Scott Faber, MD, (neurological human development specialist) for Oral Session and Workshop and possibly other events at ASMS to discuss the applications and opportunities of the exposome paradigm in translational and clinical medicine; explore the exposome and epigenetics, integration of the microbiome, including medical overview of contributions and health consequences to non-communicable diseases
- Observations:
  - Very good discussion, over 1 hour of audience engaged with good extemporaneous questions, used the Q&A app, meeting ran about 15 min over scheduled time, international interest as this is coming to the forefront in many countries
  - Intend to keep Exposomics Interest group information updated as requested during the Workshop with schedule of NIH monthly addresses on Exposomics and Environmental Human Health
  - Interest Group Coordinator Dr. Anthony Macherone, Agilent; new Chair of Exposomics Interest Group, for 2016 on - Dr. Skip Kingston, Duquesne University, Co-Chair TBA.
  - Try not to overlap with environmental sessions