



New Approaches to Metabolomics Research

March 14, 2017

Owens Auditorium, Cancer Research Building
1550 Orleans St, Baltimore, MD 21287

9:00- 9:30 am Check-in & Coffee Service

9:30 am- 12:00 pm Program

12:00- 1:00 pm Boxed Lunch Pickup & Core Leader Interactions

Agenda Outline

9:30 am (Part I: 30min)

1. Metabolomics Resources at JHU

- *Welcome & Introduction of the JHU ICTR and the Translational Research Community (TRC), Grant Initiative of the Metabolomics Core* – Rana Rais, PhD, Assistant Professor of Neurology; Director of Drug Metabolism & Pharmacokinetics Core of the JH Drug Discovery Program
- *General Discussion of Metabolomics: Experimental Design, Metabolite Extraction, Data Acquisition & Data Analysis* – Anne Le, HDR, MD, MS, Assistant Professor of Pathology & Oncology; Director of Le Cancer Metabolomics Research Laboratory; Director of ICTR Metabolomics Program

10:00 am (Part II: 60min)

2. Metabolomic Research Applications

- *Keynote* – Charles Burant, MD, PhD, Dr. Robert C. and Veronica Atkins Professor of Metabolism; Professor of Internal Medicine, and Molecular & Integrative Physiology, University of Michigan



- *Metabolomics at JHU: The PI's Perspective* - Wendy Ziai, MD, Associate Professor of Neurology; Medical Director of Neurovascular Laboratory

Break (5 min)

11:00 am (Part III: 60min)

- *Keynote* – Gary Siuzdak, PhD, Professor of Chemistry, Molecular and Computational Biology; Senior Director of Center for Metabolomics and Mass Spectrometry, Scripps Research Institute
- *Metabolomics at JHU: The PI's Perspective* - Tian-Li Wang, PhD, Professor of Pathology

12:00 pm

- *Thank You & Closing Remarks* - Barbara Slusher, MAS, PhD, Co-Leader of the ICTR Drugs/Biologics/Vaccines/Devices Translational Research Community; Director of JH Drug Discovery Program, Professor of Neurology, Medicine, Psychiatry, Neuroscience and Oncology