



3rd Annual SECIM METABOLOMICS SYMPOSIUM

May 3-4, 2016 • Sanford Burnham Prebys Medical Discovery Institute • Orlando, FL

OVERVIEW

The 2016 SECIM Metabolomics Symposium will be held at our partner institution, Sanford Burnham Prebys Medical Discovery Institute in Lake Nona, Orlando, FL. The symposium will review the basics of metabolomics, while showcasing the application of metabolomics in a variety of fields. This symposium is appropriate for graduate students, technicians, postdocs, and faculty new to the field.

ITINERARY

The following is the preliminary itinerary:

- **Day 1, Tuesday, May 3**

Intro to Metabolomics Platforms and Data Analysis

- SECIM Overview
- Metabolomics Overview
- LC/MS Overview
- NMR Overview
- MALDI Imaging MS
- Ion Chromatography MS
- Isotopic Ratio Outlier Analysis (IROA)
- Bioinformatics/Data Analysis
- Keynote Lecture
- Reception & Poster Session

- **Day 2, Wednesday, May 4**

Applications of Metabolomics

- Metabolomics: Microbiome
- Metabolomics: Cancer
- Metabolomics: Heart
- Metabolomics: Liver
- Metabolomics: Neurodegenerative Disease
- Metabolomics: Agriculture Applications
- Metabolomics: Nutrition/Food/Beverage
- Closing Panel Discussion

***Light breakfast, lunch, and coffee breaks will be provided.

CONFIRMED LECTURERS

- Dr. Robert Gerszten, Massachusetts General Hospital (KEYNOTE)
- Dr. Daniel Kelly, Sanford Burnham Prebys
- Dr. Peter Crawford, Sanford Burnham Prebys
- Dr. Xianlin Han, Sanford Burnham Prebys
- Dr. Steven Smith, SBP & Translational Research Institute, Florida Hospital
- Dr. Rick Yost, University of Florida
- Dr. Tim Garrett, University of Florida
- Dr. Glenn Walter, University of Florida
- Dr. Chris Beecher, IROA Technologies
- Dr. Rafael Bruschweiler, Ohio State University
- Dr. Rosa Krajmalnik-Brown, Arizona State University
- Dr. Irwin Kurland, Einstein College of Medicine
- Dr. Andrew S. Chi, New York University
- Dr. Carolyn Slupsky, UC Davis
- Dr. Peter Karp, SRI International
- Dr. Kirsten Skogerson, Monsanto

LOCAL ORGANIZERS

- Dr. Stephen Gardell (sgardell@sbpdiscovery.org)
- Dr. Chris Petucci (cpetucci@sbpdiscovery.org)

INFORMATION/RSVP

info@secim.ufl.edu; **Southeast Center for Integrated Metabolomics**, University of Florida

For more Symposium information and to RSVP, visit us at: <http://secim.ufl.edu/education/events/>

RSVP Deadline is April 22, 2016.



The 2016 SECIM Symposium is supported in part by:

- SECIM; NIH Grant: #U24DK097209
- UF CTSI; NIH Grants: #UL1TR001427, KL2TR001429 and TL1TR001428