2015 SECIM Workshop Agenda

***All presentations and lectures will take place in CTRB-2161 (2nd floor main conference room) unless otherwise noted.

Monday, May 11: Introduction
12:00pm – 1:00pm Registration
   Light afternoon refreshments (vegetable display, chips, cookies, soft drinks)
1:00pm – 1:15pm Art Edison: Welcome, organization, and brief intro to SECIM
1:15pm – 2:45pm Jean-Luc Wolfender: Introduction to Metabolomics
2:45pm – 3:00pm Q&A
3:00pm – 3:30pm Lauren McIntyre: Accessing Galaxy
3:30pm – 4:00pm Break/Walk to CGRC – Auditorium 101
4:00pm – 4:45pm Elaine Holmes: “Metabolomics in Epidemiology and Medicine”
4:45pm – 5:00pm Q&A
5:00pm – 5:15pm Walk to CTRB
5:00pm – 7:00pm Catered Reception & Poster Session

Tuesday, May 12: Data Generation
8:00am – 8:30am Light continental breakfast (coffee, juice, pastries, fruit)
8:30am – 9:15am Tim Garrett: Intro to LC-MS
9:15am – 9:30am Q&A
9:30am – 10:15am Rick Yost: MALDI Imaging MS
10:15am – 10:30am Q&A
10:30am – 11:00am Break/Walk to CGRC – Auditorium 101
11:00am – 12:00pm Zoltan Takats: “In-vivo mass spectrometry in clinical diagnostics”
12:00pm – 1:00pm Walk to CTRB/Lunch provided
1:00pm – 1:45pm Art Edison: Intro to NMR
1:45pm – 2:00pm Q&A
2:00pm – 2:45pm Glenn Walter: Intro to Tissue NMR
2:45pm – 3:00pm Q&A
3:00pm – 3:15pm Break
3:15pm – 4:15pm Teresa Fan: “Exploring Lung Cancer Metabolome: From Bench to Bedside”
4:30pm – 6:00pm Optional AMRIS Tour
   Evening on Own; Dinner not provided

Wednesday, May 13: Data Extraction
8:00am – 8:30am Light continental breakfast (coffee, juice, pastries, fruit)
8:30am – 9:15am Peihua Qiu: Data QC
9:15am – 9:30am Q&A
9:30am – 10:30am Rafael Bruschweiler & Kerem Bingol: “2D NMR data analysis of metabolomics samples by COLMAR”
10:30am – 10:45am Break
10:45am – 11:30am Core 2: NMR Galaxy Workflow Demonstration
11:30am – 12:30pm Lunch provided
12:30pm – 2:30pm Core 1: LC-MS Data Extraction Tools (XCMS, MetaboAnalyst)
2:30pm – 2:45pm Break
2:45pm – 4:00pm Chris Beecher: IROA and the Cluster Finder Software
4:00pm – 5:00pm George Michailidis, Plenary Lecture: “Enabling Statistical Methods for the Identification of Unknown Features in Global Metabolomics Profiling Studies”
5:15pm – 6:15pm Optional LC-MS Tour
   Evening on Own; Dinner not provided
Thursday, May 14: Data Interpretation
8:00am – 8:30am  Light continental breakfast (coffee, juice, pastries, fruit)
8:30am – 9:15am  Peihua Qiu: PCA/Multivariate Analysis
9:15am – 9:30am  Q&A
9:30am – 10:30am Lauren McIntyre & Justin Fear: Anova & Data Interpretation (on Galaxy)
10:30am – 10:45am Break
10:45am – 11:30am Lauren McIntyre & Justin Fear: QC & Data Interpretation (on Galaxy)
11:30am – 12:30pm Lunch provided
12:30pm – 2:00pm George Michailidis: Pathway Analysis
2:00pm – 2:45pm Shakti Gupta: “Multi-Omic Data Analysis of Inflammatory Macrophages”
2:45pm – 3:00pm Rick Yost: Closing Remarks
Evening on Own; Dinner not provided

Daily AM and PM breaks with coffee and light snacks

Thank you to the sponsors of the 2015 SECIM Workshop: