

The University of Kentucky's NIH-funded Resource Center for Stable Isotope-Resolved Metabolomics presents its Metabolomics Symposium & Workshop with a one-day Symposium on July 30 and 12-day, hands-on Workshop from July 23 through August 3, 2018.

Symposium

The one-day Symposium will feature presentations from leaders in the stable isotope-resolved metabolomics (SIRM) field - as well as researchers from around the world who are successfully using this technique to further their studies in a wide range of biomedical research including cancer, the immune system and diabetes. There will also be a poster session to showcase participants' research

Abstracts for poster presentations for the UK Metabolomics Symposium & Workshop 2018 must be submitted by 11:00 pm (EDT) on July 23, 2018, as Word document to Alicia Colliver at ajduna0@email.uky.edu. The Program Committee will review abstracts based on their relationship to human metabolism, novelty, significance of findings and clarity. For Abstract format and additional information, please see: <http://rcsirm.cesb.uky.edu/WorkshopSymposium2018>

Workshop: Stable Isotope-Resolved Metabolomics: Experimental Design, Methods and Data Analysis

The hands-on Workshop (limited to 20 participants) is appropriate for researchers who wish to integrate stable isotope tracer-enabled studies of metabolism into their experimental design.

Attendees of the Workshop will gain working knowledge in the application of SIRM to fundamental biochemistry research in the life sciences and bench-to-bedside translational research. The Workshop will feature demonstrations, hands-on wet lab and dry lab practice, including:

- Stable isotope tracer-based biological experiments
- Cell and tissue processing, polar and non-polar metabolite extraction, and preparation for MS and NMR analysis
- Data acquisition with the Center's Mass and NMR Spectrometers
- Large-scale analysis of MS and NMR data for metabolites and their stable isotope labeling patterns

Registration for the Workshop includes the Symposium: Those wishing to attend the Workshop are encouraged to submit poster abstracts that feature research including (or with plans to include) stable isotope-resolved metabolomics.

Registration

Registration for the July 30, 2018 Symposium is FREE, and includes breakfast, coffee breaks and lunch.

The 12-day Workshop fee, which covers the one-day Symposium and includes on-campus accommodations, is \$3750. The Workshop fee includes breakfast and lunch each day. Attendees are responsible for their own travel arrangements/costs. Some scholarships are available to offset travel costs for students and post-doctoral fellows whose poster abstracts demonstrate excellence in the science of SIRM.

Information

For more information, visit: <http://rcsirm.cesb.uky.edu/WorkshopSymposium2018> or e-mail Alicia Colliver: ajduna0@uky.edu