



UC Davis Metabolomics Core

Establishing a UC Davis community for stable isotope tracer studies

- Call for Pilot and Feasibility Project Applications -



The Metabolomics Core at the UC Davis Genome Center is a designated campus technology core, providing service in metabolomics analyses to investigators. **Based on campus funding, the core requests submissions of pilot project applications to be conducted during the 2016/2017 budget year.** *These awards are intended to support projects that will provide preliminary data for new extramural grant and manuscript submissions.* The review process will emphasize the potential of the project, if successful, to lead to establishing new services for stable isotope tracer and flux studies that are of interest to investigators across departments and colleges.

The project leverages personnel and mass spectrometers available in the Metabolomics Core that do not need to be explicitly specified. For examples of current services and instrumentation, visit the [core website](#). Funds will be available for up to \$5,000 for isotope labeled reagents or standards per project, if justified. **Requests for salary for the P.I. laboratory or other consumables for the P.I. laboratory are not permissible.**

Purpose: The metabolomics core provides extensive services for metabolomics research. The goal of the Pilot and Feasibility Program is to establish core services and a UC Davis research community in stable isotope-based tracer analysis, including metabolic flux analyses and cellular metabolism research. Research areas may span biotechnology, agricultural research, cancer and biomedical studies, mechanisms in chemistry, pharmaceutical questions, and other areas that involve small molecules. Studies involving services offered by the genomics or proteomics core will not be responsive to this call. The aim is to enhance metabolomics research crucial to biological projects by providing support for investigators, the development of new teams and partnerships, projects that link mechanisms to applications, and high risk/high impact research. The Pilot and Feasibility Program aims to form new multidisciplinary collaborations that will enhance the integration of new techniques that benefit multiple investigators. Extending the collaborative nature of research projects by matching funds from other mechanisms is strongly encouraged.

Eligibility: All basic, engineering, biological, translational, or clinical investigators located at UC Davis are eligible to apply if they have P.I. status to submit extramural applications. Project Scientists and postdoctoral fellows may not serve as P.I. but can participate as co-investigators or trainees, as applicable. Early stage investigators and investigators who are new to the field of metabolomics are especially encouraged to apply.

Application Procedure: Proposals are requested using the form posted on the website (<http://metabolomics.ucdavis.edu>). The submission must include a current NIH- or NSF-style biographical sketch (maximum 5-pages) for each participating investigator. Deadline date for receipt is **October 10th, 2016 at 11:59 pm**. Future deadlines for application submissions are December 30, 2016 and March 30, 2017, for projects that can be finalized by the end of the funding period (June 30, 2017).

Submitted proposals must use the following, maximum 5-page research plan format:

- Abstract
- Background and Significance
- Specific Aims and Hypotheses
- Scientific Plan, including the number and type of samples to be analyzed
- Expected needs for data processing
- Manuscript and extramural submission plans
- Importance of the study for establishing core services to be used by other UC Davis P.I.s
- Role of trainee(s)

Application Review: Applications will be reviewed by the Core's steering committee.

Application receipt deadline: October 10, 2016

Earliest project start date: October 30, 2016

Please send a pdf version of the application on the deadline date (including all biosketches in one complete pdf document) to: metabolomics@ucdavis.edu

For questions, please visit <http://metabolomics.ucdavis.edu> or contact:

Kelly Paglia (metabolomics@ucdavis.edu) or Oliver Fiehn, Ph.D. (ofiehn@ucdavis.edu)