



GEORGETOWN UNIVERSITY MEDICAL CENTER

Postdoctoral Position in Metabolomics

Georgetown University Medical Center has made a major commitment to metabolomics including lipidomics as a critical component to our systems biology and systems medicine initiatives. A funded position is now available through the Lombardi Comprehensive Cancer Center and the Dept. of Biochemistry and Molecular & Cellular Biology in our program for a metabolomics postdoctoral fellow. An important focus is on stress signal transduction and events at the metabolic level, with particular emphasis on exposure to ionizing radiation and biomarker identification in biofluids and tissues, with extension to microbiome involvement.

Our mass spectrometry facility has assembled state-of-art instrumentation for metabolomics and is a Waters Center of Innovation, with development of untargeted and targeted approaches on LC-MS and LC-TOFMS. GC-MS and Seahorse metabolic technologies complement the available platforms.

This metabolomics program is funded to carry out a variety of studies in animal models and patient samples, and the recruit will have opportunities to participate in and build on these projects. Experience in mass spectrometry is strongly preferred, and background in related areas, such as analytical chemistry, biochemistry, and/or bioinformatics, will also be taken into consideration. Individuals with excellent communication skills (written and oral), ability to work independently, multitasking and solving problems are encouraged to apply for a position in this dynamic lab.

For more details see: <http://fornacelab.georgetown.edu>

Applicants should send cover letter, resume, and names of references to Prof. A. Fornace at af294@georgetown.edu or Dr. E. Laiakis at ec128@georgetown.edu