Postdoctoral Position at University of California San Francisco (UCSF) in Metabolic Studies of Cancer Models

A postdoctoral fellowship is currently available in the Department of Radiology and Biomedical Imaging at the University of California, San Francisco (UCSF) working with Professor Sabrina Ronen to investigate brain tumor models using MR metabolomics approaches and multinuclear MRS/I (including hyperpolarized $^{13}$C MRS) to identify and validate metabolomic biomarkers associated with cancer onset, progression, and response to treatment.

The ideal candidate should have a strong background in magnetic resonance spectroscopy, some experience in investigations of body fluids, cells, organs or animal models, and a strong interest in metabolism, cancer biology, biochemistry, and/or cell physiology.

The successful applicant will work as part of a collaborative team and have access to a wide range of equipment. The NMR Lab on the Mission Bay Campus of UCSF occupies 1,660 square feet and houses several high field spectrometers including high resolution 800, 600, 500 and 400MHz spectrometers for solution studies, and 500 and 600MHz spectrometers integrated with a HyperSense™ DNP polarizer and equipped for bioreactor studies, high-resolution magic angle spinning spectroscopy and animal micro-imaging. Adjacent facilities house equipment for translational work including a 7T horizontal animal scanner, and 3T and 7T GE whole body MR scanners also integrated with polarizers. A dedicated cell and molecular biology laboratory of over 600 square feet, fully equipped for biological assays as well as a recently installed state of the art LC-MS system are located in the same building and used for complementary investigations.

If interested please contact Dr. Sabrina M. Ronen e-mail address: sabrina.ronen@ucsf.edu (http://www.radiology.ucsf.edu/research/labs/ronen)

UCSF is an Affirmative Action/Equal Opportunity Employer. All qualified applicants are encouraged to apply, including minorities and women. UCSF seeks candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence.