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## **Postdoctoral Position at University of California San Francisco (UCSF) in Chemistry and Molecular Probe Development for Positron Emission Tomography and Hyperpolarized $^{13}\text{C}$ MRI**

A postdoctoral fellowship is currently available in the Department of Radiology and Biomedical Imaging at the University of California, San Francisco (UCSF) working with Dr. Robert R. Flavell to develop positron emission tomography and hyperpolarized  $^{13}\text{C}$  methods to image alterations in the tumor microenvironment, including perturbation of interstitial pH, metal homeostasis, and immune infiltration. These projects are primed for high-end publication in the near future.

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

The successful applicant will work as part of a collaborative team with members of other laboratories, including Drs. John Kurhanewicz, David M. Wilson, Michael Evans, and Henry VanBrocklin, and have access to a wide range of equipment, including a  $\mu\text{PET/CT}$  scanner, on-site cyclotron,  $^{18}\text{F}$  and  $^{11}\text{C}$  synthesis modules, hot cells, and liquid scintillation equipment. A dedicated cell and molecular biology laboratory, fully equipped for biological assays as well as a recently installed state of the art LC-MS system are used for complementary investigations. Outstanding facilities are available for hyperpolarized  $^{13}\text{C}$  MR, including multiple polarizers and high field MR systems.

If interested please contact Dr. Robert R. Flavell, e-mail address [Robert.flavell@ucsf.edu](mailto:Robert.flavell@ucsf.edu)

*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.*