



University of California
San Francisco

Cardiovascular Research Institute

We are looking for postdoctoral researchers to join the lab of Andy Chang in the Department of Physiology and Cardiovascular Research Institute at the University of California, San Francisco. Our lab is investigating the molecular mechanism of acute oxygen sensing by the carotid body in control of breathing and the role of the carotid body in cardiovascular and metabolic diseases. We recently identified an olfactory receptor activated by lactate that mediates carotid body oxygen sensing by using a combination of mouse genetics, RNA sequencing, plethymography, calorimetry, cell and tissue culture, electrophysiology, and two photon imaging (Chang et al., Nature, 2015).

Two positions are available: one focused on whole animal and tissue culture studies using mouse genetics and the second in developing new tools in cell based studies. Candidates should have expertise in multiple methods mentioned above, be able to work independently to shape their projects and collaborate effectively with others, and have aptitude and enthusiasm for developing and mastering new techniques. A Ph.D. in physiology, neuroscience, cell biology, or related field with a strong publication record is required, as well as excellent oral and written communication skills.

To apply, please submit a cover letter, CV, and the names of three references to Dr. Andy Chang (Andy.Chang@ucsf.edu).

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