



Bertholet lab, Department of Physiology, UCLA

The Department of Physiology at the David Geffen School of Medicine at UCLA invites applications for a non-tenure track position, Postdoc.

The successful candidate will work as part of an interdisciplinary research team in the laboratory of Dr. Ambre Bertholet's Lab in the UCLA Department of Physiology, School of Medicine. The focus of the Bertholet Lab is on the molecular mechanisms responsible for mitochondrial energy distribution, with a particular interest in mitochondrial thermogenesis.

By employing the novel mitochondrial patch-clamp assay combined with modern cellular and molecular techniques, the Bertholet Lab will provide new insights into the mechanisms that control mitochondrial bioenergetics for therapeutic purposes. Projects may include but are not limited to interrogating mechanisms of mitochondrial thermogenesis in brown and beige fat, understanding mitochondrial energy distribution in non-adipose tissues such as heart and liver, and discovering new tools to control mitochondrial functioning.

A successful candidate(s) will have the following qualifications:

- PhD in a Biological or Physics Discipline
- Ability to work in a collaborative interdisciplinary environment
- Desire to conduct cutting-edge mitochondrial biology research
- Motivation to become proficient in electrophysiology, mitochondria, cell metabolism, proximity-labeling mass spectrometry approach (if not already competent in these areas).

To apply please upload a cover letter, curriculum vitae, and provide names and contact information for three references. Start date is flexible.

The University of California is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy. UC Nondiscrimination & Affirmative Action Policy.

This General Data Protection Regulation (GDPR) Statement for Persons in the European Economic Area is designed to provide information regarding the types of Personal Information that the University of California's Human Resources departments and offices collects.

Please be advised that the final candidate recommended for hire into a critical (or otherwise designated) position will be required to successfully complete a background investigation. Any convictions will be evaluated to determine if they directly relate to the responsibilities and requirements of the position. Having a conviction history will not automatically disqualify an applicant from being considered for employment.

UCLA is a Tobacco-Free environment. For more information, please view the policy at [Tobacco-Free Campus Policy](#).

Required Documents (CV, Cover Letter, References)

- Cover Letter
- CV
- 3 Reference Contact Only

Basic Qualifications:

- Ph.D.

Additional Qualifications:

- Electrophysiology
- Molecular Biology

Preferred Qualifications:

- First-author public