

The Department of Molecular Cell and Systems Biology at the University of California invites applicants for a full-time Assistant Professional Researcher position to conduct applied research into Neurophysiology of Brain Injury and Epilepsy in the Santhakumar Lab.

The purpose of this position is to pursue studies examining neuroimmune and circuit mechanisms by which traumatic brain injury changes brain oscillatory activity and leads to long term pathology. The final candidate will conduct cutting edge neurophysiology research including in vivo EEG recordings using multisite depth electrodes and slice electrophysiology in brain injured and epileptic animals. The candidate will examine the role of neuroimmune interactions and developmental interneuron migration in altering network oscillations using both in vivo ex vivo slice electrophysiology approaches including patch clamp recordings, optogenetics and paired recordings.

The candidate will submit proposals for independent extramural funding and help establish cutting edge experimental paradigms including fiberphotometry. The candidate will be responsible surgeries and data analysis and will author manuscripts and present data at national and international meetings.

Required qualifications at time of application for this position include: PhD in Neuroscience and over 4 years of relevant postdoctoral experience.

Preferred qualifications for this position include: Independent extramural funding. Some experience with didactic teaching in neurophysiology or related topics.

Additional qualifications at time of hire for this position include: Experience with training students and supervising lab staff.

Advancement through the Professional Researcher ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

To apply: submit CV, statement of research interest, DEI statement and names of 2 references to <https://aprecruit.ucr.edu/apply/JPF01662> OR vijayas@ucr.edu. Review of applications will commence on 12/15/2022 and proceed until position is filled. For full consideration, applicants should submit their complete applications prior to the above date.

For more information about this position, please contact Viji Santhakumar, Chair of the Search Committee, Department of Molecular Cell and Systems Biology, at vijayas@ucr.edu. For questions on application procedures and requirements, please contact Troy Hall Jr. at troy.hall@ucr.edu.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

University of California COVID-19 Vaccination Program Policy: As a condition of employment, you will be required to comply with the University of California [SARS-CoV-2 \(COVID-19\) Vaccination Program Policy](#). All Covered Individuals under the policy must provide proof of Full Vaccination or, if



**College of Natural and Agricultural Sciences
University of California, Riverside
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applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.