

Postdoc in Molecular Biology and Immunology of the Microbiome

The Department of Molecular Cell and Systems Biology at the University of California invites applicants for a full-time Postdoc in Molecular Biology and Immunology of the Microbiome to conduct applied research for the Dr. Bryan Brown Lab in Riverside, CA. The purpose of this position is to assay microbiological determinants of immunity in humans and animal models. The final candidate will conduct research related to the ecology, evolution, and immune response of/to the microbiome. The candidate will work with both human clinical samples and animal models, with research questions focusing on perinatal health and reproductive health. Research projects will span microbiological, virological, and immunological questions and there will be ample opportunities to develop expertise with techniques in all fields. The start date for this position is intended to be as soon as possible. Position rank will be commensurate with qualifications.

The current base pay range for this position is \$69,073 to \$82,836.

Basic qualifications for this position that must be met by the **date of application** include: Ph.D. in Life Sciences, Bioinformatics, Statistics, Public Health, or related field. Experience performing general molecular biology, microbiology, and/or immunology techniques. This includes >1-year experience working in a research laboratory and demonstrated proficiency with the following techniques: nucleic acid extraction, q/PCR, preparation of amplicon/metagenome sequencing libraries, ELISAs/ ELISpots, bacterial and/or eukaryotic cell culture experience, viral propagation and enumeration.

Preferred qualifications for this position include: Experience with: microbiological cell culture, eukaryotic cell culture, work with animal models, flow cytometry.

Additional qualification that must be met by the date of hire is a BS or MS in Life Sciences, Bioinformatics, Statistics, Public Health, or related field.

Advancement through the Postdoctoral 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 Curriculum Vitae to <https://aprecruit.ucr.edu/apply/JPF02213>. Review of applications will commence on 03/03/2026 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 Bryan Brown, Chair of the Search Committee, Department of Molecular Cell and Systems Biology, at bbrown@ucr.edu. For questions on application procedures and requirements, please contact Ms. Ashleigh Bennett, Academic Personnel, at ashleigh.bennett@ucr.edu.

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

The University of California, Riverside is a world-class research university with an exceptionally diverse undergraduate student body. UCR is a member institution of the American Association of Universities (AAU) as well as the Alliance of Hispanic Serving Research Universities (HRSU). 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, disability, age or protected veteran status.

For the University of California's Affirmative Action Policy please visit: <https://policy.ucop.edu/doc/4010393/PPSM-20>.

For the University of California's Anti-Discrimination Policy, please visit: <https://policy.ucop.edu/doc/1001004/Anti-Discrimination>.”

University of California COVID-19 Vaccination Program Policy: As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

