

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) and the Alliance of Hispanic Serving Research Universities (HSRU). A commitment to the UCR mission (<https://apro.ucr.edu/mission-statement>) is a preferred qualification.

We seek to hire scholars who will both advance our research directions and effectively educate our undergraduate and graduate students, while also engaging with University and Professional service activities. Research and teaching statements that are included with application materials are opportunities for candidates to share knowledge, experience, and goals that support the mission of UCR. For more information on UC's criteria for successful faculty, refer to the Academic Personnel Manual (APM) 210 - Criteria for Appointment, Promotion, and Appraisal (https://www.ucop.edu/academic-personnel-programs/_files/apm/apm-210.pdf)

The University of California is an Equal Opportunity Employer. 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 under state or federal law. It is the policy of the University of California to undertake affirmative action and anti-discrimination efforts, consistent with its obligations as a Federal and State contractor.

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.

As a condition of employment, the finalist will be required to disclose if they are subject to any **final** administrative or judicial decisions within the last seven years determining that they committed any misconduct.

“Misconduct” means any violation of the policies or laws governing conduct at the applicant’s previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment or discrimination, as defined by the employer. A Misconduct Disclosure Survey will be completed through Truescreen, which is the vendor that administers this process for the campus.

For the University of California's Violence and Sexual Harassment Policy please visit:
<https://policy.ucop.edu/doc/4000385/SVSH> .

For the University of California's Anti-Discrimination Policy for Employees, Students, and Third Parties, please visit: <https://policy.ucop.edu/doc/1001004/Anti-Discrimination>.

For the University of California's Affirmative Action and Nondiscrimination in Employment Policy, please visit: https://www.ucop.edu/academic-personnel-programs/_files/apm/apm-035.pdf.

