

## Open-Rank Specialist, Project Scientist, and Postdoc in Molecular Biology and Immunology of the Microbiome

The Department of Molecular, Cell & Systems Biology at the University of California, Riverside invites applicants for open-rank, full-time positions as a Specialist, Project Scientist, and Postdoc in Molecular Biology and Immunology of the Microbiome to conduct applied research for the 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.

**Specialist Information:** <https://aprecruit.ucr.edu/apply/JPF02041>

The current base pay range for this position is \$53,100 - \$188,200.

Basic qualification that must be met by the **date of application** is 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.

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.

Preferred qualifications include experience with: preparation of single cell suspensions, cloning, microbiological cell culture, eukaryotic cell culture, work with animal models, flow cytometry, cell sorting.

**Project Scientist Information:** <https://aprecruit.ucr.edu/apply/JPF02042>

The current base pay range for this position is \$74,100 - \$195,000.

Basic qualification that must be met by the **date of application** is 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.

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

Preferred qualifications include experience with: preparation of single cell suspensions, cloning, microbiological cell culture, eukaryotic cell culture, work with animal models, flow cytometry, cell sorting and work with organoid systems. Experience using and/or developing bioinformatics pipelines and familiarity with R, python, and shell scripting are desirable.

**Postdoc Information:** <https://aprecruit.ucr.edu/apply/JPF02043>

The current base pay range for this position is \$66,737- \$80,034.

Basic qualification that must be met by the **date of application** is 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.

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

Preferred qualifications include interest and experience with public health and/or infectious disease research and questions and experience with: preparation of single cell suspensions, cloning, microbiological cell culture, eukaryotic cell culture, work with animal models, flow cytometry, cell sorting, and experience working with organoid systems. Experience using and/or developing bioinformatics pipelines and familiarity with R, python, and shell scripting is desirable.

Advancement through the Specialist and Project Scientist 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. This is not applicable to Postdocs, since they receive an annual level increase.

**To apply:** submit a Curriculum Vitae (required), Cover Letter (optional), Statement of Research (optional), Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence (required), and the contact information for three references to the UC Recruit link next to the appropriate position, listed above. Please note, you must apply to each recruitment to be considered for evaluation for each position. Review of applications will commence on January 19, 2025, and will continue once a month until position is filled. For full consideration, applicants should submit their complete applications prior to the 19<sup>th</sup> of every month.

For more information about this position, please contact Dr. Bryan Brown, Chair of the Search Committee, Department of Molecular, Cell and Systems Biology, at [bbrown@ucr.edu](mailto:bbrown@ucr.edu). For questions on application procedures and requirements, please contact Ms. Ruth Pelen, Academic Personnel, at [ruth.pelen@ucr.edu](mailto:ruth.pelen@ucr.edu).

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.