

Postdoc - Microbiome - Innovative Genomics Institute
University of California Berkeley

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Posted Apr. 28, 2025, set to expire May 31, 2025

Job Title Postdoc - Microbiome - Innovative Genomics Institute
Department Innovative Genomics Institute
Institution University of California Berkeley
Berkeley, California

Date Posted Apr. 28, 2025

Application Deadline 05/31/2025
Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Computer/Information Sciences
Biology - General

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Job Description

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Postdoc - Microbiome - Innovative Genomics Institute

Position overview

Position title: Postdoc

Salary range: The UC academic salary scales set the minimum pay determined by rank and step at appointment. See the following table(s) for the current salary scale(s) for this position https://www.ucop.edu/academic-personnel-programs/_files/2024-25/oct-2024-scales/t23.pdf. A reasonable estimate for this position is \$66,737 - \$74,425.

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Percent time: 100%

Anticipated start: Summer 2025

Position duration: Initial appointment is for 2 years with a possibility of renewal based on performance and availability of funding.

Application Window

Open date: April 26, 2025

Next review date: Sunday, May 11, 2025 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Saturday, May 31, 2025 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

The Ronda lab at the Innovative Genomics Institute at UC Berkeley is seeking a highly motivated postdoctoral scholar to join our multidisciplinary lab. Our research focuses on mapping the human-microbiome interactome using Systems Biology and Synthetic Biology. Our lab develops novel technologies to engineer and modulate microbiomes as well as employ them in mouse models and gut organoids to understand the fundamental mechanisms of host-microbiome communication and their implications for human health and disease. The postdoc will collaborate with multidisciplinary groups from Stanford, UCSF, UC Davis, LBNL.

Responsibilities of this position may include: performing lab work and experiments, designing and executing complex protocols, analyzing experimental data using advanced bioinformatics tools and contributing to the development of innovative methodologies, developing novel computational models, actively participating in lab and group meetings, collaborating with team members to refine research approaches, maintain accurate records of experimental procedures and results, contributing to the preparation of manuscripts and grant proposals, lead the publication of academic papers, and present results at national and international conferences. We have different projects in lab that span from in vivo microbiome editing to bioinformatics immunology and neuroscience.

Qualifications

Basic qualifications

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(required at time of application)

PhD (or equivalent international degree) or enrolled in a PhD (or equivalent international degree) program.

Additional qualifications (required at time of start)

PhD (or equivalent international degree) required by the appointment start date. The candidate should have no more than three years of post-degree research experience by start date.

Preferred qualifications

Background in any of these fields: microbiome research, systems biology, bioinformatics, synthetic biology, immunology, neuroscience, computer science-AI, engineering, stem cells/organoids, engineering.

Strong analytical and problem-solving skills.

Excellent communication and collaboration abilities.

Experience with in vivo models, particularly mice.

Proficiency in molecular biology techniques.

Familiarity with OMICs technologies and data analysis.

Demonstrated ability to work independently and as part of a team.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research (Optional)

Reference requirements

- 3 required (contact information only)

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Apply link: <https://aprecruit.berkeley.edu/JPF04904>

Help contact: cronda@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging. The excellence of the institution requires an environment in which the diverse community of faculty, students, and staff are welcome and included. Successful candidates will demonstrate knowledge and skill related to ensuring equity and inclusion in the activities of their academic position (e.g., teaching, research, and service, as applicable).

The University of California, Berkeley 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, or protected veteran status.

Please refer to the [University of California's Affirmative Action and Nondiscrimination in Employment Policy](#) and the [University of California's Anti-Discrimination Policy](#).

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the [UC Berkeley statement of confidentiality](#) prior to submitting their letter.

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, discrimination, dishonesty, or unethical conduct, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)

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- [UC Anti-Discrimination Policy](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04904>

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

N/A

University of California Berkeley

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