Postdoc - Microbiome - Innovative Genomics Institute
University of California Berkeley

Job Title	Postdoc - Microbiome - Innovative Genomics Institute
Department	
Institution	University of California Berkeley Berkeley, California
Date Posted	Oct. 7, 2024
Application Deadline	10/31/2024
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - General
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Job Description

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Position overview Position title: Postdoc
Salary range: The UC postdoc salary scales set the minimum pay determined by experience level at appointment. See the following table for the current salary scale for this position: https://www.ucop.edu/academic-personnel-programs/_files/2023-24/oct-2023-acad-salary-scales/t23.pdf. The current minimum salary range for this position is $64,480 - $74,569. Salaries above the minimum may be offered when necessary to meet competitive conditions.

Percent time: 100%

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Position duration: 2 years with the possibility of extension based on performance and funding availability

Application Window
Open date: July 10, 2024

Next review date: Thursday, Oct 17, 2024 at 11:59pm (Pacific Time)
Apply by this date to ensure full consideration by the committee.

Final date: Thursday, Oct 31, 2024 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 highly motivated postdoctoral scholars to join our multidisciplinary lab. Multiple positions are available. 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.

Potential 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 (required at time of application)
PhD (or equivalent international degree) or enrolled in a PhD (or equivalent international degree) program

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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)
- Statement on Contributions to Advancing Diversity, Equity, and Inclusion - Statement on your contributions to diversity, equity, and inclusion, including information about your understanding of these topics, your record of activities to date, and your specific plans and goals for advancing equity and inclusion if hired at Berkeley. More Information and guidelines.

Reference requirements

- 3 required (contact information only)

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Apply link: https://aprecruit.berkeley.edu/JPF04464

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/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.

Please refer to the University of California's Affirmative Action 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.

Job location
Berkeley, CA

To apply, visit https://aprecruit.berkeley.edu/JPF04464

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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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