

Postdoctoral Researcher - Bioengineering
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=254845>

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Posted Mar. 25, 2025, set to expire Mar. 30, 2025

Job Title	Postdoctoral Researcher - Bioengineering
Department	Guthrie Lab
Institution	University of California Berkeley Berkeley, California
Date Posted	Mar. 25, 2025
Application Deadline	03/30/2025
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - Microbiology Biology - Computational Biology - General
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Job Description

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Postdoctoral Researcher - Bioengineering

Position overview

Position title: Postdoc Researcher

Salary range: The UC postdoc salary scales set the minimum pay determined by experience level 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



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. A reasonable estimate for this position is \$75,000- \$80,000 annually.

Percent time: 100%

Anticipated start: May 2025

Position duration: Two years with possibility of renewal based on performance and availability of funding.

Application Window

Open date: February 15, 2025

Next review date: Sunday, Mar 30, 2025 at 11:59pm (Pacific Time)

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

Final date: Sunday, Mar 30, 2025 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date.

Position description

The Guthrie Lab aims to decipher the basic biology, sources of heterogeneity, and opportunities to modulate diet-derived microbiota-dependent metabolites (MDMs) for beneficial host signaling. We use computational methods and mass spectrometry to quantify bacterial metabolites and molecular techniques to investigate their function in vitro and in vivo. We are seeking a highly motivated Postdoctoral Researcher to join our team and contribute to research on diet-derived microbiota-dependent metabolites (MDMs). The successful candidate will design and execute experiments to identify and characterize MDMs, using molecular biology techniques, multi-omics approaches, and mass spectrometry. They will investigate the physiological effects of MDMs using gnotobiotic animal models and explore their roles in host health. The researcher will collaborate with multidisciplinary teams, analyze large-scale omics data, and contribute to manuscript preparation and grant writing. Additionally, they will mentor junior lab members and participate in scientific discussions and presentations. This position offers an exciting opportunity to work in a dynamic, innovative research environment.

Labor Contract: <https://ucnet.universityofcalifornia.edu/labor/bargaining-units/px/index.html>

Lab: <https://www.theguthrielab.com/>

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Qualifications

Basic qualifications (required at time of application)

PhD or equivalent international degree, or enrolled in a PhD or equivalent international degree granting program.

Additional qualifications (required at time of start)

- PhD or equivalent international degree
- The candidate should have no more than three years of post-degree research experience.

Preferred qualifications

- PhD in a field related to microbiology, computational biology, synthetic biology, or biomedical research.
- A track record of peer-reviewed publications should be evident by the time of application.
- Record of academic achievements and research productivity.
- Excellent time management, effective communication skills, and the ability to collaborate within multidisciplinary teams.
- Expertise in molecular biology, multi-omics, histology, tissue culture, and gnotobiotic animal studies is highly desirable.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research
- Statement on Contributions to Diversity, Equity, Inclusion, and Belonging - Statement on your contributions to diversity, equity, inclusion, and belonging in research, teaching, and service, including information about your record of activities to date, and plans for contributing if hired at UC Berkeley. [More Information and guidelines](#).
(Optional)

Reference requirements

- 3 required (contact information only)

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Apply link: <https://aprecruit.berkeley.edu/JPF04802>

Help contact: leisa@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.

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, are currently being investigated for misconduct, left a position during an investigation for alleged misconduct, or have filed an appeal with a previous employer.

- "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.

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- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy for Employees, Students and Third Parties](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04802>

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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