

Assistant/Associate Project Scientist - Bioengineering and
Yeast Product Discovery - QB3 Institute
University of California Berkeley

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Posted Mar. 10, 2025, set to expire Apr. 11, 2025

Job Title	Assistant/Associate Project Scientist - Bioengineering and Yeast Product Discovery - QB3 Institute
Department	QB3 Institute
Institution	University of California Berkeley Berkeley, California
Date Posted	Mar. 10, 2025
Application Deadline	04/11/2025
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Molecular Biology - Biochemistry Biology - General
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Job Description

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Assistant/Associate Project Scientist - Bioengineering and Yeast Product Discovery - QB3 Institute

Position overview

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/july-2024-scales/t37-b.pdf

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. A reasonable estimate for this position is \$74,100 - \$97,700

Percent time: 100%

Anticipated start: Summer 2025

Position duration: One year with the possibility of extension based on performance and availability of funding.

Application Window

Open date: March 7, 2025

Next review date: Saturday, Mar 22, 2025 at 11:59pm (Pacific Time)

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

Final date: Friday, Apr 11, 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 QB3 Institute at the University of California, Berkeley seeks applications for an Assistant/Associate Project Scientist in the Keasling Lab, in Bioengineering and yeast product discovery.

This position will be in the Jay Keasling Laboratory in the QB3 Institute, at UC Berkeley. The Keasling Laboratory focuses on engineering microorganisms to produce valuable chemicals from inexpensive, renewable resources.

The position will participate in a particular project funded by the National Institutes of Health which involves the production of vaccine adjuvants. In this project, the research group will engineer yeast to produce two natural vaccine adjuvants, QS-21 and QS-7, as well as produce new-to-nature molecules that could be excellent vaccine adjuvants. The group will supply these molecules to collaborators who will test them.

The incumbent will be responsible for:

- undertaking research to engineer yeast to produce vaccine adjuvant candidates which will involve expressing genes from a variety of plants in yeast

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- organizing and executing experiments
- organizing and analyzing data
- writing research papers describing the research and the results
- working with the PI to write proposals
- interacting with collaborators on the project and aiding the PI in managing the project
- writing reports to funding agencies for further funding
- guiding the research of undergraduate and graduate students and post-doctoral fellows working on the same project

Qualifications

Basic qualifications (required at time of application)

- PhD (or equivalent international degree)

Preferred qualifications

- Ph.D. in molecular biology, biochemistry, biochemical engineering, or equivalent.
- 4 years of experience in academic research
- The researcher should have experience engineering yeast to produce natural products, particularly terpenoids.
- The researcher should have excellent knowledge of growing and cultivating yeast and analytical techniques.
- Demonstrated experience in engineering yeast to produce natural products, particularly terpenoids.
- Demonstrated experience of growing and cultivating yeast and analytical techniques.

Application Requirements

Document requirements

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

Reference requirements

- 3-5 required (contact information only)

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Apply link: <https://aprecruit.berkeley.edu/JPF04821>

Help contact: m.p.mennie@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/JPF04821>

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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