

Assistant/Associate/Full Project Scientist - Microbiology
and Immunology - Stanley Lab Department of Molecular
and Cell Biology
University of California Berkeley

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Posted Jun. 3, 2025, set to expire Jul. 1, 2025

Job Title Assistant/Associate/Full Project Scientist -
Microbiology and Immunology - Stanley Lab
Department of Molecular and Cell Biology

Department Molecular & Cell Biology

Institution University of California Berkeley
Berkeley, California

Date Posted Jun. 3, 2025

Application Deadline 07/02/2025

Position Start Date Available immediately

Job Categories Assistant Professor
Associate Professor
Professor

Academic Field(s) Biology - Microbiology
Biology - General

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Job Description

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**Assistant/Associate/Full Project Scientist - Microbiology and Immunology - Stanley Lab
Department of Molecular and Cell Biology**

Position overview Position title: Project Scientist

Salary range:

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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. A

reasonable full-time salary estimate for this position is \$82,100-\$130,000.

Percent time: 100%

Anticipated start: Summer/Fall 2025

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

Application Window

Open date: June 2, 2025

Next review date: Tuesday, Jun 17, 2025 at 11:59pm (Pacific Time)

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

Final date: Wednesday, Jul 2, 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 Department of Molecular and Cellular Biology at the University of California, Berkeley seeks applications for a Project Scientist at the Assistant, Associate, or full rank. The position will report to Professor Sarah Stanley. The Project Scientist will make significant and creative contributions in the area of Microbiology and Immunology.

The Stanley lab is interested in identifying new molecular mechanisms that mediate both successful immune control and evasion of immunity by the pathogen. We utilize a wide range of techniques and approaches, including bacterial and host genetics, microscopy, chemical biology, and proteomics to understand the physiology of Mtb inside of macrophages and the host pathways that are key mediators of the host-pathogen interaction. We are motivated by the belief that a better understanding of the Mtb host-pathogen interaction will allow for the rational design of the next generation of therapeutics and vaccines for treating this devastating disease.

This position is for a Project Scientist who will perform sponsored research evaluating novel

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immunotherapeutics for treating bacterial infection. This project is conducted with other researchers at UC Berkeley, as well as Harvard University, and is based on existing data evaluating specific experimental therapeutics for treating infections with Methicillin Resistant Staphylococcus aureus (MRSA) and Mycobacterium avium (MAC).

Under general direction, the successful candidate will serve as the project lead with responsibility for developing and conducting experiments (testing cell culture and animal models for infections, testing antibiotic candidates in the appropriate assays in order to guide further optimization and development) as well as responsibility for lab management (giving day-to-day work instructions for the project's Staff Research Associate, ordering supplies and equipment, etc.)

The duties of the position include:

Infecting mice with MRSA and MAC, treating with novel therapies and evaluating outcomes

Carrying out immunological analysis of infected animals

Testing for efficacy of novel therapies in tissue culture

Testing for efficacy of novel therapies against bacteria grown in vitro

Performing toxicity testing in mice

Managing and analyzing data

Pursuing publication of research in peer-reviewed journals;

Pursuing additional funding opportunities consistent with existing and future research programs and goals

Developing and troubleshooting new related research directions

Training and mentoring lab members

Presenting data to project members

Collaborating with other scientists across campus and with collaborators at Harvard University

Lab: <https://www.thestanleylab.org/>

Contract: <https://ucnet.universityofcalifornia.edu/resources/employment-policies-contracts/bargaining-units/academic-researchers/contract/>

Qualifications

Basic qualifications (required at time of application)

PhD (or equivalent international degree)

Additional qualifications (required at time of start)

Minimum of 4 years of postdoctoral research experience

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Preferred qualifications

- Publication record in peer-reviewed journals of research relevant to the job duties
- PhD or equivalent international degree in Immunology or Infectious Disease
- Experience publishing lead author primary research in peer-reviewed journals.
- Experience collaborating with other scientists
- Experience working with macrophages in innate immunity
- Experience with advanced flow cytometry
- Track record of excellence in mentored research program
- Demonstrated ability to effectively communicate, participate in efficient and open collaboration, and enjoy engaging with a diverse group of researchers.
- Self-motivated, interactive, and meticulous approach to tasks and the ability to work both independently and as part of a team
- Innovative and able to synergize various ideas and approaches, while exercising sound judgment to evaluate and take acceptable risks.

Application Requirements

Document requirements

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

Reference requirements

- 3-5 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04920>

Help contact: sastanley@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging in our public mission of research, teaching, and service, consistent with [UC Regents Policy 4400](#) and University of California Academic Personnel policy ([APM 210 1-d](#)). These values are embedded in our [Principles of Community](#), which reflect our passion for critical inquiry, debate, discovery and innovation, and our deep commitment to contributing to a better world. Every member of the UC Berkeley community has a role in sustaining a safe, caring and humane environment in which

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these values can thrive.

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For more information, 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 or discrimination, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04920>

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Contact Information

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

Contact

N/A

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