

Staff Research Associate 1 (9613C), Molecular & Cell
Biology - 67737
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=234686>

Downloaded On: May. 16, 2024 2:56pm

Posted Apr. 15, 2024, set to expire Jun. 30, 2024

Job Title	Staff Research Associate 1 (9613C), Molecular & Cell Biology - 67737
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Apr. 15, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Molecular Biology - Cell Biology Biology - General
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Job Description

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About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

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The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [Guiding Values and Principles](#), our [Principles of Community](#), and our [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit grow.berkeley.edu.

Departmental Overview

The Departments of Molecular and Cell Biology (MCB) and Integrative Biology (IB) together are among the largest academic departments at UC Berkeley. By several measures (including number of faculty and students, budget, and assigned square feet), these departments are larger than many UCB colleges and schools. The two departments represent over 186 faculty FTE (including Adjuncts, Professors of the Graduate School, active emeriti and 15 HHMI professors); 150 postdocs and other research positions; 375 graduate students; 80 department staff members; and 8 recharge centers. Financial resources include approximately \$51M in annual extramural funding (which accounts for over half of the total sponsored research awards in the College of Letters & Science) and over \$46M other fund sources. The department has 1,800 declared undergraduate majors (the largest majors on the Berkeley campus) and a total annual enrollment in classes of ~20,000. Department personnel are currently housed in seven buildings located in three widely separated parts of the campus.

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Application Review Date

The First Review Date for this job is: Friday, April 26, 2024

Responsibilities

- Conduct independent research on M. tuberculosis.
- Generate knockout macrophages and neutrophils using CRISPR and analyzing the impact of genetic perturbations on control of TB infection using the mouse model.
- Investigate the mechanistic basis of successful immune control of tuberculosis through the lens of metabolism.
- Assist laboratory staff in research projects by infecting mice with M. tuberculosis.
- Analyze the outcome of M. tuberculosis infection by enumerating bacterial numbers in tissue, analyzing the cellular immune response by flow cytometry.

Laboratory Maintenance:

- Order supplies for BSL3 and BLS2 laboratories.
- Unpack received items, clean and organize laboratories.
- Ensure compliance with safety standards.
- Maintain all safety records and protocols.
- Liaison with Environmental Health and Safety to coordinate lab inspections.
- Oversee mouse colony.

Required Qualifications

- Self-motivated and energetic with the ability to work in a diverse team environment.
- Significant experience with tissue culture and common techniques in molecular biology.
- Experience with macrophage culture.
- Strong organizational skills.
- Experience with Cas9/CRISPR genome editing in primary animal cells.
- Experience working with human pathogens or immunology.
- Flexibility in work schedule.

Education/Training:

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- Bachelor Degree and/or equivalent experience/training.

Preferred Qualifications

- BSL2 or BSL3 experience.
- Experience with primary macrophages and analysis of the immune response.
- Strong understanding of immunology and microbial pathogenesis through coursework and research.
- Experience with flow cytometry.

Salary & Benefits

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$25.75 (step 1.0) - \$26.86 (step 3.0).

- This is a 100%, full-time (40 hours per week), career position that is eligible for full UC benefits.
- This position is non-exempt and paid bi-weekly.

How to Apply

To apply, please submit your resume and cover letter.

Conviction History Background

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This is a designated position requiring fingerprinting and a background check due to the nature of the job responsibilities. Berkeley does hire people with conviction histories and reviews information received in the context of the job responsibilities. The University reserves the right to make employment contingent upon successful completion of the background check.

Other Information

This position is governed by the terms and conditions in the agreement for the Research Support Professionals Unit (RX) between the University of California and the University Professional and Technical Employees (UPTe). The current bargaining agreement manual can be found at: <http://ucnet.universityofcalifornia.edu/labor/bargaining-units/rx/index.html>.

Equal Employment Opportunity

The University of California 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, or protected veteran status. For more information about your rights as an applicant, please see the [U.S. Equal Employment Opportunity Commission](#) poster.

The [University of California's Affirmative action policy](#).

The [University of California's Anti-Discrimination policy](#).

To apply, visit

https://careerspub.universityofcalifornia.edu/psp/ucb/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCH

Contact Information

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

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Contact

N/A

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