

Staff Research Associate 1 (9613C), Molecular & Cell
Biology - 67163
University of California, Berkeley

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Posted Apr. 5, 2024, set to expire Jun. 30, 2024

Job Title	Staff Research Associate 1 (9613C), Molecular & Cell Biology - 67163
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Apr. 5, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Research/Technical/Laboratory
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Job Description

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Staff Research Associate 1 (9613C), Molecular & Cell Biology - 67163

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.

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

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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 teaching and research activities of the Department of Molecular and Cell Biology (MCB) concern the molecular structures and processes of cellular life and their roles in the function, reproduction, and development of living organisms.

The department is divided into multiple Divisions, and the Cox Lab is primarily affiliated with Immunology and Molecular Medicine Division which consists of 17 faculty whose research investigates fundamental mechanisms of immune system function and regulation, cancer biology, tumor immunology, and infectious disease.

Application Review Date

The First Review Date for this job is: Wednesday, April 17, 2024

Responsibilities

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- Assists with experiments investigating the basic biology of interactions between bacterial pathogens (including Mycobacterium tuberculosis) and mammalian hosts.
- Oversees mammalian cell culture, specifically, culture of immortalized progenitor lines of neutrophils and macrophages and generation of new cell lines in which specific genes have been targeted using CRISPR.
- Coordinates vendors in procurement and maintenance of laboratory equipment.
- Applies and carries out basic molecular/cell biology techniques such as DNA cloning, qPCR, transfection, lentivirus production to overexpress and silence gene expression in mammalian cell culture.
- Manages ordering/stocking laboratory supplies, preparation of lab stocks, laboratory maintenance.
- Uses Biochemical techniques such as SDS-PAGE, affinity purification, western blotting.
- Assist other researchers in making technical determinations and observations based on the research.
- Assists with research analysis and presents results at group meetings or in meetings with supervisor(s)
- Performs other duties as assigned

Required Qualifications

- Experience with basic pipetting technique, molecular cloning and culture of mammalian cells.
- Ability to independently make solutions based on molarity and % composition.

Preferred Qualifications

- Experience with molecular biology, especially working with nucleic acids.
- Experience with protein biochemistry techniques such as expression of proteins in E. Coli and analysis by SDS-PAGE or western blot.
- Manipulation of mammalian cells by transfection or viral transduction.

Salary & Benefits

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

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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 \$27.44 (step 4.0) - \$28.70 (step 6.0).

- 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.

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 (UPTA). 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](#)

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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.

Contact

N/A

University of California, Berkeley

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