

Assistant/Associate Project Scientist - Bioengineering -  
QB3  
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=242739>

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Posted Aug. 6, 2024, set to expire Sep. 5, 2024

<b>Job Title</b>	Assistant/Associate Project Scientist - Bioengineering - QB3
<b>Department</b>	Bioengineering
<b>Institution</b>	University of California Berkeley Berkeley, California
<b>Date Posted</b>	Aug. 6, 2024
<b>Application Deadline</b>	09/05/2024
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Bioengineering (all Bio-related fields)
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<b>Job Description</b>	

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**Assistant/Associate Project Scientist - Bioengineering - QB3**

**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](https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t37-b.pdf) and [https://www.ucop.edu/academic-personnel-programs/\\_files/2024-25/july-2024-scales/t38-b.pdf](https://www.ucop.edu/academic-personnel-programs/_files/2024-25/july-2024-scales/t38-b.pdf). The current base salary range for this position is \$74,100 - \$130,500. "Off-scale" salaries, which yield compensation that is higher than the published system-wide salary at the designated rank and step,

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are offered when necessary to meet competitive conditions

**Percent time:** 100%

**Anticipated start:** Fall 2024

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

**Application Window**

**Open date:** August 5, 2024

**Next review date:** Monday, Aug 19, 2024 at 11:59pm (Pacific Time)

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

**Final date:** Thursday, Sep 5, 2024 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**

This position is in the Clark lab, within the Department of Bioengineering - California Institute for Quantitative Biosciences at the University of California Berkeley. The Clark Lab develops microfluidic and molecular methods for the high throughput analysis of single cells. We use these techniques to study HIV latency in CD4 T cells and profile cellular interactions during central nervous system inflammation.

The Clark lab seeks a talented and driven scientist to lead droplet-based high-throughput forward genetic screens. Central nervous system (CNS)-resident astrocytes and microglia interact to regulate pro-inflammatory programs that drive neurodegenerative diseases, but the pathways and molecules involved are largely unknown. Understanding the language of inflammation is a central question in the field of Neuroimmunology and may guide new therapeutic approaches for neurologic diseases. To address this challenge, the candidate will conduct in vivo and in vitro CRISPR screens to understand the genes, pathway, and molecules involved in neuroinflammation. This is part of our larger effort to build and deploy novel methods to study the interactions between CNS-resident cells. The candidate is expected to collect, analyze, and publish their results in peer-reviewed scientific journals, assist in the writing of proposals for funding from federal agencies and other organizations, and present findings at scientific conferences.

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**Lab:** <https://clarklab.berkeley.edu/>

### Qualifications

**Basic qualifications** (required at time of application)

Ph.D. or equivalent international degree.

**Additional qualifications** (required at time of start)

A minimum of 3 years of post-doctoral research experience.

### Preferred qualifications

- PhD degree in bioengineering or a related field such as molecular biology, immunology, or neurology
- Experience with genetic manipulation of mammalian cells.
- Experience with CRISPR screening methods
- Experience with Fluorescence activated cell sorting
- Experience with models of neuroinflammation and/ or neurologic diseases
- Experience with NGS library prep and Illumina sequencing
- Experience with Confocal microscopy
- Experience with Droplet microfluidics
- At least 3 first-authored peer-reviewed publications
- The ideal candidate is an effective communicator, is open to collaboration, and enjoys engaging with a diverse community of academic researchers.

### Application Requirements

#### Document requirements

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

#### Reference requirements

- 3 required (contact information only)

**Apply link:** <https://aprecruit.berkeley.edu/JPF04542>

**Help contact:**



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[iain.c.clark@berkeley.edu](mailto:iain.c.clark@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.

### Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04542>



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**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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