

Assistant Project Scientist - Activity-dependent
Translational Control - Ingolia Lab - Molecular and Cell
Biology
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=248636>

Downloaded On: Nov. 21, 2024 8:10am

Posted Nov. 11, 2024 - set to expire Dec. 10, 2024

Job Title Assistant Project Scientist - Activity-dependent
Translational Control - Ingolia Lab - Molecular and
Cell Biology

Department Molecular and Cell Biology

Institution University of California Berkeley
Berkeley, California

Date Posted Nov. 11, 2024

Application Deadline 12/10/2024

Position Start Date Available immediately

Job Categories Research Scientist/Associate

Academic Field(s) Biology - Molecular
Biology - Cell Biology
Biology - General
Biology - Neuroscience/Neurobiology

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Job Description

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and Cell Biology**

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Position overview

Position title: Assistant Project Scientist

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. A reasonable estimate for this position is \$74,100-\$85,900.

Percent time: 100%

Anticipated start: Fall/Winter 2024

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

Application Window

Open date: November 10, 2024

Next review date: Sunday, Nov 24, 2024 at 11:59pm (Pacific Time)

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

Final date: Tuesday, Dec 10, 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

The Department of Molecular and Cellular Biology at the University of California, Berkeley seeks applications for an Assistant Project Scientist in the Ingolia Lab, in the area of activity-dependent control of translation in neurons.

The Ingolia lab studies the molecular mechanisms of post-transcriptional gene regulation and the cellular and organismal roles of regulated protein synthesis. Regulated translation in neurons is important for potentiation and homeostasis; defects in neuronal translational control are associated with neurodevelopmental and neurodegenerative disorders. This project seeks to map the regulated

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translational programs associated with neuronal activity using new tools we have developed for this purpose.

The duties of the position include:

- Conducting molecular biology and genomics experiments in cultured primary mouse neurons
- Neuroscience experiments in mice, including viral delivery of expression constructs
- Analysis of mouse brain samples, including fluorescence microscopy and expansion microscopy
- RNA-seq and ribosome profiling library construction and sequencing
- Designing, executing, and troubleshooting experiments in molecular neuroscience
- Computational and statistical analysis of high-throughput sequencing data
- Attending scientific seminars, meetings, and workshops and presenting research findings
- Pursuing publication of research in peer-reviewed journals
- Developing and maintaining collaborative research relationships
- Pursuing funding opportunities consistent with the research program
- Planning and developing new research directions related to current work
- Training and mentoring lab members

This position provides full benefits.

Lab: <https://ingolia-lab.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)

Preferred qualifications

- Ph.D. in Cellular and Molecular Physiology, Neuroscience, or related field.
- Experience with high-throughput sequencing, RNA sequencing, and ribosome profiling
- Experience with proximity-dependent protein labeling
- Experience with calcium-dependent activity reporters
- Experience with calcium-dependent protein labeling technologies
- Experience with neuronal culture

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- Experience with mouse husbandry and neurobiology
- Ability to develop and troubleshoot new methods and techniques
- Ability to identify and pursue exciting questions in cellular and molecular neurobiology
- Outstanding writing and communication skills
- Strong publication record in peer-reviewed journal
- Ability and desire to contribute to advancing diversity, equity, inclusion, and belonging.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research
- Statement on Contributions to Diversity, Equity, Inclusion, and Belonging - Statement on your contributions to diversity, equity, inclusion, and belonging in research, teaching, and service, including information about your record of activities to date, and plans for contributing if hired at UC Berkeley. [More Information and guidelines.](#)
(Optional)

Reference requirements

- 3-5 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF04614>

Help contact: ingolia@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

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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.

To apply, visit <https://aprecruit.berkeley.edu/JPF04614>

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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