

## Assistant Professor in Molecular, Cell, and Systems Biology (MCSB)

The Department of Molecular, Cell, and Systems Biology (MCSB) at the University of California, Riverside invites applications for a 9-month tenure-track faculty position at the rank of Assistant Professor in RNA biology, including systems biology starting July 1, 2025. The purpose of this position is to address any aspect of RNA function in normal physiology, disease, and therapy. These include RNA biogenesis, modifications, structure, translation, stability, surveillance, and localization; RNA regulatory networks, as well as identification and characterization of the roles of non-coding regulatory RNAs (small RNAs and long non-coding RNAs). Candidates using advanced bioinformatic and systems biology tools as well as advanced RNA technologies across multiple areas of RNA biology are encouraged to apply.

The successful candidate will have a record of original, cutting-edge research accomplishments in the field of RNA biology, including systems biology approaches and/or making contributions to the development of novel RNA-based technologies and therapies. The candidate will also have demonstrated a potential for attracting extramural funding. At UCR, the candidate will be expected to develop a vigorous, independent, and internationally recognized research program. The candidate will advise and mentor graduate and undergraduate students, as well as postdoctoral fellows, and develop and teach graduate and undergraduate courses in molecular, cell and systems biology related disciplines. The candidate is also expected to engage in university and extramural service activities. The position will synergize with and expand the growing multidisciplinary Center for RNA Biology and Medicine at UCR and will build on existing campus strengths in genomics, proteomics, epigenetics and biochemical regulation in model organisms and humans. Faculty expertise includes molecular and cellular biology, epigenetic/epitranscriptomic and metabolic control, non-coding RNAs, chromatin structure, transcription regulation, DNA repair, stem cell biology, cancer, infectious diseases, microbiome, neuroscience and aging. The successful candidate will have access to all UCR research infrastructure, including modern core facilities for bioinformatics, genomics, proteomics/metabolomics, and microscopy, a high-performance computing cluster, and animal facilities. A competitive start-up package and salary commensurate with experience will be provided. For further information about MCSB research areas, visit <https://mcsb.ucr.edu> and <https://rna.ucr.edu/>.

The posted UC salary scales (\$78,200 to \$101,400 for this position) set the minimum pay determined by rank and/or step at appointment. Additional “off-scale” and other components of pay are negotiated when necessary to meet competitive conditions. The off-scale portion of the salary will be maintained as long as satisfactory academic progress is made. Additionally, the off-scale will be maintained subject to market adjustments to the UC salary scale.

Basic qualifications for this position that must be met by the **date of application** include:

- A PhD, MD, or equivalent degree in life science or related disciplines.

Preferred qualifications for this position include evidence of high-quality independent research, such as publications and grants or awards.

Advancement through the Professorial ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

**To apply:** submit the following to:

- Cover Letter – Short cover letter describing background and interests (1-page maximum)
- Curriculum Vitae
- Statement of Research/Scholarly Activities (4-page maximum)
- Statement of Teaching and Mentoring – This statement should be a concise description of the applicant's teaching and mentoring philosophy and include past experience and future teaching and mentoring plans. (2-page maximum)
- Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence – The University of California is committed to excellence and equity in every facet of its mission. Applicants should summarize their past and planned contributions in relevant areas of faculty achievement that promote equal opportunity and diversity. These contributions to diversity and equal opportunity can take a variety of forms including specific actions and efforts to advance equitable access to education, public service that addresses the needs of diverse populations, research in a scholar's area of expertise that highlights inequalities, or mentoring and advising of students and faculty members, particularly from underrepresented and underserved populations. (2-page maximum)
- Three Letters of Recommendation– At time of submission, applicants should provide contact information and request letters of recommendation from 3 references to be submitted through AP Recruit. Each letter writer will need to submit their letter via AP Recruit by November 11, 2024.
- Up to three selected reprints

For more information about this position, please contact Fedor Karginov, Chair of the Search Committee ([fedor.karginov@ucr.edu](mailto:fedor.karginov@ucr.edu)). For questions on application procedures and requirements, For questions on application procedures and requirements, please contact Ashleigh Bennett, Academic Personnel, [ashleigh.bennett@ucr.edu](mailto:ashleigh.bennett@ucr.edu).

The University of California, Riverside is a world-class research university with an exceptionally diverse undergraduate student body. UCR is a member institution of the American Association of Universities (AAU) as well as the Alliance of Hispanic Serving Research Universities (HRSU). Its

mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

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, age or protected veteran status.

For the University of California's Affirmative Action Policy please visit:  
<https://policy.ucop.edu/doc/4010393/PPSM-20>.

For the University of California's Anti-Discrimination Policy, please visit:  
<https://policy.ucop.edu/doc/1001004/Anti-Discrimination>.

**University of California COVID-19 Vaccination Program Policy:** 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.

