

Assistant Professor Non-coding RNA Biology - 301048
UAE University

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Job Title	Assistant Professor Non-coding RNA Biology - 301048
Department	College of Science
Institution	UAE University Al-Ain, Abu Dhabi, United Arab Emirates
Date Posted	Mar. 17, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Biology - General Biology - Genetics Biology - Molecular
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Job Description	

Job Description

The Department of Biology at the United Arab Emirates University (UAEU) invites applications for a tenure-track faculty position at the rank of Assistant Professor in Non-Coding RNA (ncRNA) Biology. We seek an outstanding scholar with expertise in the molecular mechanisms, regulatory roles, and applications of non-coding RNAs in gene expression, epigenetics, and cellular function. The successful candidate will contribute to the department's research excellence in molecular biology, biotechnology, and genomics and will engage in high-quality teaching and mentoring of students at undergraduate

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and graduate levels. Teaching & Curriculum Development: • Teach undergraduate and graduate courses in Molecular Biology, Functional Genomics, and Non-Coding RNA Biology. • Develop new courses and update existing curricula in RNA biology, epigenetics, and gene regulation. • Supervise undergraduate research projects, MSc, and Ph.D. students. Research & Scholarly Activities: • Establish an independent, externally funded research program in ncRNA biology, with applications in health, disease, or biotechnology. • Conduct innovative research in lncRNAs, miRNAs, siRNAs, circRNAs, or ribozymes and their roles in gene regulation, cellular differentiation, or stress responses. • Publish in high-impact, peer-reviewed journals and present findings at international conferences. • Collaborate with faculty and researchers within the College of Science and UAEU on interdisciplinary research projects. Service & Outreach: • Participate in departmental, college, and university-level committees. • Engage in outreach activities to promote RNA research and molecular biotechnology. • Foster interdisciplinary collaborations with national and international institutions.

Minimum Qualification

• Ph.D. in Molecular Biology, Genetics, Biochemistry, or a related field. • Postdoctoral research experience with a strong publication record in ncRNA biology. • Expertise in RNA sequencing, functional characterization of ncRNAs, RNA-protein interactions, and RNA therapeutics.

Preferred Qualification

Ph.D. in Molecular Biology, Genetics, Biochemistry, or a related field. • Postdoctoral research experience with a strong publication record in ncRNA biology. • Expertise in RNA sequencing, functional characterization of ncRNAs, RNA-protein interactions, and RNA therapeutics. • Experience in CRISPR-based genome editing, transcriptomics, or bioinformatics approaches to RNA function. • Demonstrated ability to secure competitive research funding. • University-level teaching experience with a commitment to student engagement and mentorship.

Contact Information

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

Contact

UAE University
Al-Ain, Abu Dhabi

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