



Research Intern - RNA Modifications in Experience Dependent Plasticity

Science / Biology RNA-MIND Lab

NYU Abu Dhabi

The Science Division/ Biology Program, New York University Abu Dhabi, seeks to recruit an intern to work in the position: Research Assistant, on elucidating the role of RNA modifications in experience-dependent plasticity.

The successful applicant will lead an exciting project investigating the emerging role of RNA modifications in the establishment and functional modulation of neural circuits that underlie adaptation to environmental changes. Our laboratory employs a diverse range of research tools, including biochemistry, molecular biology, next-generation sequencing, bioinformatics, and behavioral analysis, to uncover functional links between gene expression in neuronal circuits and neural plasticity during environmental adaptation. To gain mechanistic insights, we have developed genetically engineered mouse models as powerful discovery tools. The candidate will engage in complementary approaches, combining cell culture systems with quantitative cellular imaging analysis, to elucidate the role of RNA modifications in shaping behavior-relevant neural circuits. The candidate will join the RNA-MIND Lab (MIND: Modification, Intellect, Neurodegeneration), a vibrant multidisciplinary and multicultural environment comprising PhD-level scientists, research assistants, graduate students, and undergraduate students.

Applicants must have strong motivation in neuroscience studies.

For consideration, applicants need to submit a cover letter, curriculum vitae, statement of research interest, 1 letter of reference, all in PDF format to: ok2108@nyu.edu. If you have any questions, please email Prof. Ohtan Wang at ohtan.wang@nyu.edu.

The internship opportunity is competitive. Applications will be accepted during a short timeframe during Spring and Fall terms. Shortlisted candidates will be notified within a month of the application deadline.

About NYUAD:

NYU Abu Dhabi is a degree-granting research university with a fully integrated liberal arts and science undergraduate program in the Arts, Sciences, Social Sciences, Humanities, and Engineering. NYU Abu Dhabi, NYU New York, and NYU Shanghai, form the backbone of NYU's global network university, an interconnected network of portal campuses and academic centers across six continents that enable seamless international mobility of students and faculty in their pursuit of academic and scholarly activity. This global university represents a transformative shift in higher education, one in which the intellectual and creative endeavors of academia are shaped and examined through an international and multicultural perspective. As a major intellectual hub at the crossroads of the Arab world, NYUAD serves as a center for scholarly thought, advanced research, knowledge creation, and sharing, through its academic, research, and creative activities.

جامعة نيويورك أبوظبي



NYU ABU DHABI

EOE/AA/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity Employer

UAE Nationals are encouraged to apply.