

RESEARCH TECHNICIAN POSITION

Induced Pluripotent Stem Cells,
Neurons, Microscopes, CRISPR, oh my

Of course, there is lots of RNA too

Opportunity:

A Research Technician position is available in the Moon lab (<https://themoonlab.org/>) within the Center for RNA Biomedicine and Department of Human Genetics at the University of Michigan. We are seeking an enthusiastic, team-oriented, tenacious individual with a growth mindset, a healthy appetite for knowledge and skill acquisition, and a hearty sense of humor who will contribute to projects on the molecular mechanisms of neurodegeneration. The Research Technician will learn how to use CRISPR/Cas9 to engineer human cell cultures and learn to work with human inducible pluripotent stem cells and differentiate neurons to study RNA biology in models of amyotrophic lateral sclerosis and frontotemporal dementia. The Research Technician will be part of the Chan Zuckerberg Initiative Neurodegeneration Challenge Network where they will have access to specialized scientific training and career development opportunities. This full-time position is fully funded and is for an initial one year with potential to renew. The Moon Lab has been built to remove resource bottlenecks, allow lab members to focus on skills development, and facilitate scientific discovery for all team members. Self-driven and thoughtful recent graduates looking for a steep learning curve to rapidly level up as a critically thinking scientist should apply. Lone wolves should not apply.

Required Qualifications:

- Recently awarded a bachelor's degree in Cellular and Molecular Biology, Biochemistry, Biology, Genetics, Biophysics, Biomedical Engineering, or related field
- Excellent written and verbal communication skills
- Proficiency in Google Docs Editors suite and/or Microsoft Word, Powerpoint, and Excel
- Working knowledge of, or strong motivation to learn, molecular biology lab techniques including sterile technique, cell culture, and working with DNA
- Good sense of humor, tenacious, engaged, determined, resourceful, organized, and action-biased

Responsibilities:

The Research Technician is expected to be an active member of the Moon lab, learn new skills, perform experiments, analyze data, discuss experiments and results, and work with other lab members. Will also share thoughts and opinions about food on a daily basis.

Highly Useful Skills:

Past experience working with tissue culture cells and fundamental molecular biology techniques such as PCR and western blotting is desirable but not required.

To apply:

Please submit a 0.5-1 page cover letter (1.5 spaced, 11 font) including the word 'translation' describing your interest and motivation for applying for this position, resume, and contact information for three references to smslmoon@umich.edu. Applications will be considered on a rolling basis until May 1, 2024.