Senior Research Technician
Tufts University

Job Title	Senior Research Technician
Department	Department of Neuroscience
Institution	Tufts University
	Medford, Massachusetts
Date Posted	Feb. 13, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biomedical Sciences
	Biology - Neuroscience/Neurobiology
	Biology - General
Job Website	https://jobs.tufts.edu/jobs/21391?lang=en-us&iis=Job+Board&iisn=AcademicKeys
Apply By Email	
Job Description	

Overview

The Department of Neuroscience is a basic science department that focuses on cutting-edge research in the areas of synapse development and function, sensory systems, and complex behavior, cognitive neuroscience and behavioral neurobiology. Dr. Yang is supported by funding from the federal government, private foundations, and industry. Dr. Yang is also extensively involved with the Graduate School of Biomedical Science Program in Neuroscience as well as teaching within the medical school.

What You'll Do

Under close supervision of Dr. Yang, he/she conducts a variety of routine experiments following established procedures and protocols, which may include performing assays, tissue culture, electrophoresis, and other laboratory techniques. May also record test results, analyze data using basic statistics, maintain laboratory equipment and supplies, and monitor animal colonies. There are five primary functions of this position:

- Manage mouse colony; duties include mating, weaning, identifying transgenic markers from tissue samples by PCR, maintaining genotyping records
- Learn and perform qRT-- PCR and other common gene expression experiments;
- Perform software based quantitative image analysis
- Support lab maintenance, including preparation of stock solutions and support of ordering
- Perfuse and prepare mouse brain tissue for immunohistochemistry, and Image mouse brain sections by confocal microscopy.

Basic Requirements:

- Knowledge and skills as typically acquired through Bachelor's degree in science with up to one year laboratory experience

Preferred Qualifications:

- Familiarity with basic laboratory techniques and procedures
- Accurate math calculations
- Strong experience with cell culture or biochemistry
- Experience with handling rodents, animal dissection
- Standard software use: office, Photoshop, illustrator, etc.
- Familiarity with basic laboratory techniques and procedures
- 1+ years laboratory experience with fluorescence microscopy and image analysis
- 1+ years laboratory experience with immunohistochemistry
- Mouse colony management experience

Pay Range

Minimum $24.30, Midpoint $28.90, Maximum $33.50

Salary is based on related experience, expertise, and internal equity; generally, new hires can expect pay between the minimum and midpoint of the range.

Contact Information

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

Contact

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