

Research Technician Tufts University

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Posted Feb. 5, 2024, set to expire Dec. 31, 2024

Job Title	Research Technician
Department	Department of Neuroscience
Institution	Tufts University Medford, Massachusetts
Date Posted	Feb. 5, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Neuroscience/Neurobiology Biology - Molecular Biology - Biochemistry
Job Website	https://jobs.tufts.edu/jobs/20120?lang=en-us&iis=Job+Board&iisn=AcademicKeys
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Job Description	

Overview

The Department of Neuroscience is a basic science department that focuses on cutting-edge research in the areas of neurological disease. Dr. Giuseppina Tesco is supported by funding from the federal government and private foundations to study the molecular mechanism of Alzheimer's disease.

What You'll Do

Under close supervision of Principal Investigator, conducts a variety of routine experiments following established procedures and protocols. There are two primary functions of this position: 1) maintaining mouse colony, genotyping, harvest brain samples and conduct microscopic and biochemistry analysis.

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2) culturing human ipscs and differentiating them in neurons and glia cells and characterization of cultures with biochemistry, microscopy and molecular biology (protein extraction western blotting, elisa, immunostaining and microscopy, rna and dna extraction, pcr and qpcr, genome editing). Having prior experiences with mouse work is a plus.

- Culturing human iPSCs and differentiating them in neurons and glia cell
- Maintaining mouse colony, genotyping and collection of brain samples.
- Maintains laboratory equipment and orders/keeps inventory of supplies. s
- Perform experiments (e.e biochemistry, microscopy and molecular biology), and documenting data under researcher guidance.

What We're Looking For

Basic Requirements:

- Bachelor's degree in science and at least one year of related laboratory experience

Preferred Qualifications:

- Advanced knowledge and experience with laboratory techniques and procedures
- Knowledge of basic statistics

Pay Range

Minimum \$19.80, Midpoint \$23.55, Maximum \$27.30

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.



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Contact

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