

Senior Research Technician Tufts University

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Posted Mar. 15, 2024, set to expire Dec. 31, 2024

Job Title	Senior Research Technician
Department	Department of Neuroscience
Institution	Tufts University Medford, Massachusetts
Date Posted	Mar. 15, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Coordinator
Academic Field(s)	Research/Technical/Laboratory
Job Website	https://jobs.tufts.edu/jobs/20266?lang=en-us&iis=Job+Board&iisn=AcademicKeys
Apply By Email	
Job Description	

Overview

The Department of Neuroscience is a basic research department focusing on synaptic and glia biology. The Rios lab investigates neural circuits regulating feeding, body weight and glucose homeostasis and how they remodel to accommodate the energy demands of the animal. We address these questions employing mouse models and multidisciplinary approaches, including electrophysiology, advanced molecular and imaging techniques and comprehensive metabolic analysis. These studies seek to inform mechanisms leading to metabolic dysfunction, including obesity and diabetes.

What You'll Do

Conducts a variety of routine and specialized laboratory experiments with accuracy. Performs specialized techniques including stereotaxic surgeries in mice and makes decisions regarding the appropriate protocol or procedure necessary to achieve desired results, the reliability and accuracy of results, and whether modification or repetition is necessary. Records

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test results and analyze data derived from experiments. Help PI prepare routine lab safety inspections and related documents. Help order reagents and keep lab organized.

What We're Looking For

Basic Requirements:

- Degree in science and at least three years of related laboratory experience.
- Conducts experiments following appropriate protocols and procedures to achieve results
- Performs techniques such as PCR, immunohistochemistry, electrophoresis, protein purification and others
- Records results and maintains accurate records of experiments
- Performs limited data interpretation and assists with statistical analysis and summaries
- Maintains laboratory equipment and orders/keeps inventory of supplies
- Monitors animal colonies and performs husbandry, collects samples and maintains census records

Preferred Qualifications:

- Advanced knowledge and experience with laboratory techniques and procedures including stereotaxic surgeries in mice
- Knowledge of basic statistics
- Be organized and pay attention to details/follow up
- Able to communicate with others effectively

Pay Range

Minimum \$24.00, Midpoint \$28.55, Maximum \$33.10

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

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applying for or inquiring about this job announcement.

Contact

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