

Research Technician Tufts University

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Posted Nov. 10, 2025, set to expire Mar. 23, 2026

Job Title	Research Technician
Department	Department of Neuroscience
Institution	Tufts University Medford, Massachusetts
Date Posted	Nov. 10, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Neuroscience/Neurobiology Biology - General
Job Website	https://jobs.tufts.edu/jobs/22497?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 biology and glia biology. The lab of Dr. Dulla investigates how synapses are formed and remodeled in the developing nervous system with a broad focus on neurological disease and epilepsy. We address this question in mouse models, applying electrophysiological and imaging approaches, as well as mouse behavioral and in vivo electrophysiological studies.

What You'll Do

The successful candidate will work directly with the Principal Investigator and a team to study the neurological effects of brain infection. The role involves understanding how the brain becomes infected

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with tuberculosis (TB) and how the brain's immune response drives varying outcomes. There are three primary tasks in this position:

1. Carry out TB infections in the brains of mice to understand the effects of the disease on the brain and the immune response. This requires coordination with collaborators and detail-oriented animal surgeries in a BSL-3 environment.
 2. Analyze animal outcomes, anatomical data, and transcriptional data, and generate publication-quality figures demonstrating results, and contribute to the writing of reports, manuscripts, and presentations.
 3. Play a supportive role in the lab, contribute to general lab maintenance (ordering supplies, maintaining equipment, scheduling), and work with graduate students, post-docs, and research scientists to support their ongoing projects. The job will be done in collaboration with Dr. Shumin Tan, an expert in TB, to provide multiple levels of support.
- Mouse care, animal surgery, tissue collection and preparation
 - Analyze data, generate publication quality figures, and contribute to writing of reports
 - Perform ordering and support lab maintenance

What We're Looking For

Basic Requirements:

- Knowledge and skills as typically acquired through Bachelor's degree in science
- Strong computer and database/spreadsheet skills
- Applicants need to be highly organized and have excellent communication skills

Preferred Qualifications:

- Knowledge of neuroscience
- Knowledge of immunology and microbiology
- Experience with handling rodents
- Experience with animal surgery
- Experience working in a BSL-3 environment
- Previous laboratory experience and familiarity with basic laboratory techniques and procedures

Pay Range

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Minimum \$20.50, Midpoint \$24.40, Maximum \$28.30

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.

Contact

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