

Senior Research Technician Tufts University

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Posted Jan. 28, 2025, set to expire Dec. 31, 2025

Job Title	Senior Research Technician
Department	Department of Molecular and Cell Biology
Institution	Tufts University Medford, Massachusetts
Date Posted	Jan. 28, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - Molecular Biology - Cell Biology Biology - General
Job Website	https://jobs.tufts.edu/jobs/21324?lang=en-us&iis=Job+Board&iisn=AcademicKeys
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Job Description	

Overview

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Tufts University School of Medicine, Department of Molecular Biology and Microbiology's mission is to improve global health by using molecular genetics and innovation to address fundamental and medically related problems in microbiology. Training is a core tenet of our approach, and our students, postdocs, and staff are key drivers of our scientific impact. We are committed to fostering a diverse scientific community and aim to improve our core values by promoting inclusivity, diversity, and antiracism. Our department was founded with community building, mentorship, and collaboration as central values, and we continue to prioritize this culture in our department. We believe that fostering an environment that welcomes a diversity of perspectives will lead to more innovative and impactful science.

What You'll Do

Conducts a variety of routine and specialized laboratory experiments with accuracy. Performs specialized techniques 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 test results and analyzes data derived from experiments.

- Conduct routine experiments: follow and design appropriate protocols/procedures to achieve results; perform techniques such as cell culturing, preparing samples for live-cell microscopy or FACS, lentivirus transductions, microbiology infections of cells and molecular biology procedures
- Help manage the laboratory including but not limited to: ordering supplies, inventory, lab organization, coordinating equipment repair, helping with safety inspections.
- Record results and examines data for analysis: keeps accurate records of experiments and results, performs data interpretations/summarization including graphing figures and statistical analysis, communicate findings to graduate students, postdocs and PIs.

What We're Looking For

Basic Requirements:

- Typically requires skills obtained via a BS or BA in a biological science
- At least 2 years of related laboratory experience

Preferred Qualifications:

- Consistent attention to detail and excellent organizational and communication skills.

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- Advanced knowledge and experience with laboratory techniques and procedures
- Knowledge of basic statistics
- Position will require working with mice.
- Previous experience with cell culture, experience with microbiology and/or mouse work is strongly preferred but not required.

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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