

Research Technician Tufts University

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Posted Jul. 24, 2024, set to expire Dec. 31, 2024

Job Title	Research Technician
Department	Department of Developmental, Molecular and Chemical Biolo
Institution	Tufts University Medford, Massachusetts
Date Posted	Jul. 24, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Chemistry - General Biomedical Sciences Biology - General Sciences - General
Job Website	https://jobs.tufts.edu/jobs/20757?lang=en-us&iis=Job+Board&iisn=AcademicKeys
Apply By Email	
Job Description	

Overview

The Department of Developmental, Molecular and Chemical Biology conducts research of basic biochemical and molecular mechanisms involved in cell functions in both the normal and diseased states, as well as teaching students at the Medical, Dental Schools, and the Graduate School of Biomedical Sciences.

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What You'll Do

Under close supervision of Principal Investigator, conducts a variety of experiments following established procedures and protocols, including tissue culture, characterization of malaria proteins in human red blood cells, immunoprecipitation, immunofluorescence, CRISPR-Cas9 editing, and biochemical interactions with endothelial cells. May also record test results, data analysis using appropriate statistical software, and maintain laboratory equipment.

- Conducts bench research experiments following appropriate protocols and procedures to achieve results
- Performs techniques such as tissue culture, PCR, immunohistochemistry, electrophoresis, protein purification, immunoprecipitation, immunofluorescence, CRISPR-Cas9 editing.
- Records results and maintains accurate records of experiments
- Performs limited data interpretation and assists with basic statistics and analysis
- Maintains laboratory equipment and orders/keeps inventory of supplies
- Prepares stock solutions, reagents and other media
- If necessary, test the role of malaria proteins as potential vaccine candidates using mouse models.

What We're Looking For

Basic Requirements:

- Bachelor's degree in science with up to one year laboratory experience

Preferred Qualifications:

- Familiarity with laboratory techniques and procedures, including malaria parasite tissue culture, PCR, and basic understanding of gene editing technology.



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Pay Range

Minimum \$20.10, Midpoint \$23.90, Maximum \$27.70

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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