

Research Technician - Molecular Biology & Microbiology,
School of Medicine
Tufts University

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Posted Jun. 18, 2021, set to expire Oct. 31, 2021

Job Title Research Technician - Molecular Biology & Microbiology,
School of Medicine

Department

Institution Tufts University

Boston, Massachusetts

Date Posted Jun. 18, 2021

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Classified Staff

Academic Field(s) Research/Technical/Laboratory

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Job Description

Research Technician - Molecular Biology & Microbiology, School of Medicine - (21001454)

Description

This is a grant funded position and is not eligible for severance pay.

Members of the department are actively engaged in research on fundamental and medically related problems in microbiology and molecular genetics. They include the genetics and biochemistry of bacterial and fungal pathogens and their interaction with host cells, the mode of action of antibiotics and drug resistance, the intracellular organization of bacteria, mechanisms of transcriptional regulation, mechanisms of virus entry, gene expression, replication and assembly.

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Under supervision of the principal investigator and a senior scientist who is intimately familiar with the techniques required, the Research Technician will conduct a variety of experiments following established procedures/protocols, which will include culturing bacteria and mammalian cells, performing electrophoresis or PCR, extracting DNA, preparing samples for high throughput Illumina DNA sequencing, developing microdroplet cell culture technologies, and other well established laboratory techniques. In these capacities, the Technician will also record test results and analyze data using basic statistics. In addition, the Technician may monitor the functioning of laboratory equipment, organize and maintain logbooks and supplies, and assist in monitoring animal colonies. Candidates who have an interest in learning animal handling and/o experience in animal infection models will have an opportunity to participate in ongoing animal infection models.

Qualifications

Basic Requirements:

Bachelor's degree in science with up to 1 year laboratory experience preferred.

Preferred Qualifications:

Familiarity with basic laboratory techniques and procedures

Excellent organizational and communication skills are critical.

Knowledge of MS Office products, basic statistical analysis and computation is necessary.

Previous experience working with small research animals, microbiology and/or molecular biology techniques preferred.

Special Work Schedule Requirements:

Occasional need to work overtime, holidays or weekends as needed.

An employee in this position must complete all appropriate background checks at the time of hire, promotion, or transfer.

Equal Opportunity Employer – minority/females/veterans/disability/sexual orientation/gender identity.



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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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