

Scientist III-School Of Medicine.
Tufts University

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Posted Sep. 30, 2022, set to expire Feb. 12, 2023

Job Title	Scientist III-School Of Medicine.
Department	Tufts University
Institution	Tufts University Boston, Massachusetts
Date Posted	Sep. 30, 2022
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biochemistry & Cellular Biology
Job Website	https://jobs.tufts.edu/jobs/17971?lang=en-us&iis=Job+Board&iisn=AcademicKeys
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Job Description	

Overview

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The faculty in MBM are united by a common interest in the biology of microbes (bacteria, fungi, viruses, and parasites) and the effects of microbes on human and animal hosts. The microbial pathogens program studies microorganisms that cause infectious diseases, with emphasis on rigorous analysis of these pathogens and the immune responses that restrict them. Program investigators direct detailed studies of pathogenic bacteria, viruses, fungi and eukaryotic parasites. Research topics include structural analysis of virus entry, viral evolution, viral oncogenes, intracellular bacterial pathogens, microorganisms that cause diarrhea and pneumonia, intracellular signaling, pathogen adhesion, genetic determinants involved in susceptibility to infection, vaccine development, and identification of novel antimicrobial agents.

What You'll Do

Working independently, but in close consultation and in cooperation with others in the lab, design and perform experiments. Develop, adapt, and implement new research techniques and protocols. Analyzes, interprets, summarizes and compiles data. Perform routine and complex laboratory procedures. Collaborate on current/future grants through participation in grant proposals, submissions, publications and presentations. Participate in contributing data to publications and presentations as co-author. Participate in teaching, research, and mentoring including providing research guidance to graduate students or postdoctoral scholars.

- Perform scientific research as a professionally responsible member of the research team
- Publish results and author papers in collaboration with the senior investigator. May present findings at meetings
- Participates in other laboratory responsibilities such a supervision and/or training of research technicians, graduate students, and postdoctoral fellows; development of grant proposals.

What We're Looking For

Basic Requirements:

- PhD is required as is at least one year of postdoctoral training and demonstrated scholarly activity including contributions to peer-reviewed literature and original research contributions to peer-reviewed journals.

Preferred Qualifications:

- Experience with *Borrelia burgdorferi*, experience with molecular biology techniques, programming in Python.

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.

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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