

Scientist III - Biology Tufts University

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Posted Feb. 23, 2023, set to expire Dec. 31, 2023

Job Title	Scientist III - Biology
Department	
Institution	Tufts University Medford, Massachusetts
Date Posted	Feb. 23, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - General
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Job Description	

Overview

The Allen Discovery Center (<http://allencenter.tufts.edu/>) is dedicated to the advancement of basic biology and medicine, using an integrated, multi-disciplinary approach to control biological structure and function. Through a combination of molecular genetics, biophysics, and computational approaches, researchers at the Center work toward a multi-level control of patterning and biological computation. Novel technology and theory is being developed to modulate the bioelectric communication that enables cells to coordinate their activities toward specific anatomical and functional end-states. This new type of epigenetic control has significant implications for developmental biology, evolution, unconventional computation, synthetic bioengineering, and primitive cognition. Applications in progress include the repair of birth defects, regenerative medicine, cancer reprogramming, and synthetic biology.

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What You'll Do

A Research Scientist in the Center drives a research program that directly contributes to the Center mission. Working independently, but in close consultation and in cooperation with the Director and the Deputy Director of the Allen Discovery Center at Tufts University, this individual must be able to:

- 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.

What We're Looking For

Basic Requirements:

- Knowledge and skills as typically acquired by a PhD and at least one year of post-doctoral training is required for this position
- Demonstrated that he/she is able to make significant contributions to related scientific research and scholarship (publication in good journals)
- Potential to direct his/her own research
- He/she will be expected to publish regular, significant contributions in peer-reviewed journals

Contact Information

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

Contact