

Research Assistant - Chen Lab
Tufts University

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Posted Sep. 16, 2024, set to expire May 11, 2025

Job Title	Research Assistant - Chen Lab
Department	School of Dental Medicine
Institution	Tufts University Medford, Massachusetts
Date Posted	Sep. 16, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biology - General
Job Website	https://jobs.tufts.edu/jobs/20939?lang=en-us&iis=Job+Board&iisn=AcademicKeys
Apply By Email	
Job Description	

Overview

Tufts University School of Dental Medicine seeks a Research Assistant for an active basic science laboratory whose research focuses on translational studies on tissue engineering and regeneration, association of dental diseases with systemic diseases including diabetes, osteoarthritis and Alzheimer's disease and cancer. In addition to basic methods of cell and molecular biology including signal transduction pathways, microRNA and long noncoding RNA, transgenics and gene knock out the Chen Lab has used a number of rodent animal models, in which stem cells, growth factors and advanced matrix scaffolds are applied.

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What You'll Do

Under close supervision of Principal Investigator, the Research Assistant conducts a variety of routine experiments following established lab safety procedures and protocols.

Responsibilities include:

- Conducts routine experiments following appropriate protocols and procedures to achieve results
- Performs techniques such as tissue culture, PCR, immunohistochemistry, electrophoresis, protein purification and others
- Records results and maintains accurate records of experiments
- Performs limited data interpretation and assists with basic statistics and analysis
- Monitors animal colonies and performs husbandry, collects samples and maintains census records
- Prepares stock solutions, reagents and other media
- Maintains laboratory operations by ordering supplies, managing equipment and ensuring lab space cleanliness
- Assists students and research fellows and preparation and submission of scientific papers and grants

What We're Looking For

Basic Requirements:

- Knowledge and skills as typically acquired through completion of Bachelor's degree in biological science with up to 1 year laboratory experience
- Familiarity with basic laboratory techniques and procedures
- Strong organizational and time management skills, with the ability to work under minimal supervision
- Excellent written and verbal communication skills

Preferred Qualifications:

- Experience working with mice is a plus

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Pay Range

Minimum \$48,500.00, Midpoint \$60,750.00, Maximum \$73,000.00

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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