

Research Assistant - Orthodontics, School of Dental
Medicine
Tufts University

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Posted Jan. 5, 2023, set to expire Dec. 31, 2023

Job Title	Research Assistant - Orthodontics, School of Dental Medicine
Department	
Institution	Tufts University Medford, Massachusetts
Date Posted	Jan. 5, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biological/Materials Sciences
Job Website	https://jobs.tufts.edu/jobs/18384?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 research laboratory focused on the use of Tissue Engineering approaches for Craniomaxillofacial (CMF) mineralized tissue repair and regeneration. We use molecular, cellular and genetic approaches to analyze signal transduction pathways regulating mineralized dental and CMF tissue regeneration in 2D and 3D in vitro models, and in vivo rodent, rabbit and mini pig animal models.

What You'll Do

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

Under the close supervision of the Principal Investigator, the Research Assistant (RA) will conduct a variety of experiments following established procedures and protocols including sterile tissue culture, gel electrophoresis, histological and immunohistochemical analyses, and other laboratory techniques. The RA will keep detailed lab notes to record experimental procedures and results, analyze data using basic statistics, maintain laboratory equipment and supplies, and monitor animals as needed. The RA will conduct regular laboratory operations including ordering supplies, maintaining equipment and lab space cleanliness, and will follow all lab safety protocols. The RA will perform other duties as required.

What We're Looking For

Basic Requirements:

- Bachelor's degree in biological science with up to one year laboratory experience
- This position requires strong organizational and time management skills along with the ability to work well independently under minimal supervision, and also with others
- Should have very strong written and verbal communication skills to help in drafting animal protocols, assisting students and research fellows and preparation and submission of scientific papers and grants

Preferred Qualifications:

- Familiarity with basic laboratory techniques and procedures; experience working with animals is a plus.

Working Conditions:

- May work with and be exposed to hazardous chemicals and materials, human/animal tissue and fluids, radiation

Contact Information

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

Contact



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