



One position is open for highly motivated Research Technician in the Nia Lab in the Department of Biomedical Engineering at Boston University. The candidate will manage mouse colonies and work closely with lab personnel to carry out mouse experiments including microsurgeries and maintenance of the whole-organ lung ex vivo. The successful candidate must be able to perform basic mouse procedures and be highly organized, self-motivated and with excellent interpersonal and communication skills. The position offers an exceptional opportunity for scientific growth and publications in high profile journals with access to cutting-edge facilities and a supportive environment.

Job Duties:

- Will work in collaboration with lab personnel to perform mouse procedures, including microsurgeries and therapeutic treatments.
- Preparing drugs and cells for administration in mice, and longitudinally tracking and monitoring the mice.
- Maintain records and inventory of all reagents, equipment, and supplies.
- If the applicant is interested to lead independent projects in addition to the above duties, there is potential for first-author publications. This may benefit the applicants who will be applying for graduate or medical schools.

Essential Scientific Qualifications, Skills and Abilities:

- A BA/BS in Biomedical Engineering, Biology or related field required.
- Work experience in small animal studies is a plus, but willing to work with mice is essential.
- In-house training for all specific procedures will be provided.
- Enthusiasm and intellectual engagement in the experimental program is a major plus.
- Exceptional organizational skills and attention to detail.
- Must communicate regularly and effectively with team members and supervisor.

Essential Personal Qualities:

- Demonstrate honesty, integrity and reliability.
- Must have a positive attitude and willingness to learn and grow.
- Should have good interpersonal and teamwork skills.

EDUCATION:

- Bachelor's degree required.

To begin the application process, please e-mail a current CV, statement of purpose, and contact information of two references to Dr. Hadi T. Nia (htnia@bu.edu).