

Department: The Ragon Institute
Position Title: Research Technician
Position #:

Position Overview:

The DeKosky Laboratory for Immune Engineering (www.dekoskylab.org) is hiring a new Research Technician for dedicated assistance with laboratory operations and the implementation of cutting-edge scientific efforts. The hired candidate will aid in the implementation of projects and the management of laboratory operations and facilities related to the development and analysis of precision molecular therapeutics. This position will focus on research and operations supportive roles to advance projects from funding sources, including the federal government, non-profit organizations, internal funding opportunities. The hired candidate will work closely with a dynamic and collaborative team of researchers in the acquisition and analysis of scientific data.

The ideal candidate will have a passion for team-based science within an academic environment. The hired candidate will play an integral role in the DeKosky laboratory, and will be a part of cutting-edge research in precision and targeted therapeutics, especially related to global infectious diseases, cancer, and autoimmunity.

We are looking for enthusiastic individuals that are curious about immune protection and want to participate in the exciting world of understanding how immune responses can be effectively engineered to fight human diseases. The hired candidate will work closely with all team members and other research groups in The Ragon Institute to ensure consistent laboratory facilities and operations. The candidate will also work with our diverse scientific team of postdoctoral fellows, graduate students, technical staff, and our extensive network of collaborators to perform scientific experiments, prepare new manuscripts, and to prepare scientific figures. The position will provide an immersive and rich environment in the molecular and engineering sciences.

Required qualifications include an undergraduate degree with some experience in molecular biology, biochemistry, immunology, biotechnology or a related field. Preference will be given to individuals with a demonstrated record and interest in working in scientific laboratory settings in molecular biology or biotechnology.

The Ragon Institute is an internationally renowned immunology-focused research center located in Kendall Square, Cambridge, Massachusetts, and with affiliations with MGH, Harvard, and MIT. Successful candidates will be immersed in a rich scientific community and become experts in advanced high-throughput drug development and establish cutting-edge drug screening approaches while being a part of a supportive, highly collaborative research environment with state-of-the-art facilities. The hired candidate will also be an affiliate of MIT, with access to MIT campus research resources and community facilities.



Job Duties:

35% Research - Design and execution of scientific projects

Carrying out original research relative to the laboratory mission. Work with other lab researchers to implement experiments and to consolidate data into presentable formats. Plan and implement scientific studies.

35% Laboratory organization and maintenance - Routine lab maintenance

Ensuring systems are in place for efficient planning of lab supplies, records and document management as well as experimental protocols and data, and coordination of good lab practices.

20% Collaboration - Assist other laboratory members and research collaborators with scientific projects

Coordinate with internal and external collaborators to advance scientific research projects and proposals.

10% Reporting - Assist in the writing of reports and papers

Assist in the writing of technical reports and scientific papers for peer reviewed journals and progress reports.

Skills and Competencies Required:

- Ability to work in a team environment, meet deadlines, and prioritize and balance work from multiple individuals
- Good communication skills
- Good time management and organizational skills
- Good problem solving skills
- Ability to perform multiple tasks independently
- A willingness to learn and grow

Required Qualifications:

1. Undergraduate degree in the area of immunology, chemistry, bioengineering, biochemistry, biotechnology, bioinformatics, microbiology, or a related field.

Preferred Qualifications:

1. Experience working in scientific laboratory settings in molecular biology or biotechnology
2. Demonstrated ability to work successfully as part of collaborative research efforts.
3. Publications or other evidence of academic achievement

Salary: Commensurate with experience

Timeline: Review of applications will begin in May 2022 and will continue until the position is filled. A start date beginning in summer 2022 is anticipated.

Contact Information: Dr. Brandon DeKosky at dekosky@mit.edu

Primary Location

MA-Cambridge-MGH 400 Technology

Work Locations

The Ragon Institute / MGH
400 Technology Square
Cambridge 02139

Job

Professional/Managerial

Organization

Massachusetts General Hospital(MGH)

Schedule

Full-time

Standard Hours 40

Shift

Day Job

Employee Status

Regular

Recruiting Department Ragon Institute