

JOB DESCRIPTION

Job Title: Research Scientist

Job Code:

Salary Plan: Exempt

Lab: Barczak

Direct Supervisor: Amy Barczak

Employing Hospital and Department:

Ragon Institute of MGH, MIT, and Harvard

Minimum degree and field of knowledge: MSc, MD, PhD preferred

Years experience required: 3 – 5 years experience

Summary:

A position is open for a full-time Staff Scientist at the Ragon Institute of MGH, Harvard and MIT in the laboratory of Amy Barczak (www.barczaklab.org). The Barczak lab focuses on studying the pathogenesis of tuberculosis in cellular and mouse models of infection, using an array of techniques including microscopy, flow cytometry, CRISPR and small molecule screens, and transcriptomics. We are particularly interested in asking and answering scientific questions with potential for future translational impact. We are highly collaborative, and work closely with groups with diverse expertise in Boston, across the US, and internationally.

We are currently seeking an enthusiastic individual who is passionate about science and global health to join our team as a Research Scientist. The Research Scientist will assist in developing and conducting research projects, including experimental design, data analysis, and presentation of experimental results. The Research Scientist will additionally help mentor and oversee the work of trainees in the laboratory, including graduate students and undergraduates.

Duties and Responsibilities:

- Design, execute and interpret research experiments
- Analyze and present data at internal and external meetings
- Assist in managing research technicians
- Assist in overseeing the work of trainees
- Support general laboratory functions, including overseeing ordering, schedules, maintenance of shared resources

Communication

- Regular communication and close collaboration with the PI
- Present data within and outside of the laboratory group at meetings and symposia
- Work closely within the group and with outside collaborators

Qualifications:

- Strong candidates will have demonstrated interest in microbiology, immunology, or host-pathogen biology
- Demonstrated ability to work independently and productively
- Strong research design and analytical skills, with demonstrated ability to problem-solving
- Ability to multi-task and work independently
- Ability to work harmoniously in a team environment

The above job description details the major duties and qualifications of the listed position. The employee hired to this position confirms that he/she is able to perform all duties outlined. Although the specific duties and

responsibilities of this position may vary slightly, the supervisor of this position will ensure that the employee hired to this position is trained and qualified to complete each task assigned. If the duties or responsibilities of this position need to change significantly, then the supervisor must submit an updated job description to the Office Manager for review.