

MASSACHUSETTS GENERAL HOSPITAL

Job Title: Research Technician Job Family: Research

Job Code: 000319 & 001593 Grade: 13 & 14

Department: All Research Departments

GENERAL SUMMARY/ OVERVIEW STATEMENT:

The Evavold Laboratory (<https://ragoninstitute.org/evavold/>) at the Ragon Institute of MGH, MIT, and Harvard invites applications for a Lab Technician position. We seek a passionate, motivated individual that brings a positive outlook to research tasks and maintenance of lab operations. The Evavold Lab focuses on the basic decision making of cells towards different cell fates using cell death programs as a model system. We have a particular interest in the intersection of microbiology and metabolism with impact on host cell survival or death.

The candidate will assist in research aimed at defining molecular and cell biological regulation of cell death in the context of the innate immune system. These studies will combine techniques from molecular biology, cell biology, microbiology, immunology, and metabolism to probe cellular decision making. Recent studies have combined the use of synthetic biology to model signaling nodes within a canonical pathway under precise chemical control coupled to targeted or genome-wide genetic perturbations.

This position is ideal for candidates who are interested in pursuing a career in biomedical research, industry, or medicine. A commitment of at least 2 years by the candidate is of high priority to the lab to ensure adequate time for training and continuity of projects in the lab. The Ragon Institute serves as an ideal setting for this training and research opportunity with access to state-of-the-art facilities and technologies in a highly collaborative environment.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

- Attends and participates in weekly lab meetings and occasional institutional work-in-progress meetings
- Maintains laboratory notebook
- Understands and applies basic scientific techniques
- Conducts analysis of results
- Sets up and prepares experiments as directed
- Prepares lab reagents, chemicals, instruments and equipment
- Performs independent literature searches
- Assists with organizing materials for publication or presentation
- Maintains and orders supplies

SKILLS/ABILITIES/COMPETENCIES REQUIRED:

- Self-motivation and strong organizational skills
- Prior experience in an immunology, microbiology, biochemistry, or molecular biology lab

- Familiarity with experimental biology techniques
- Open to occasional handling of laboratory mice
- Ability to work independently and as a team member
- Good communication skills
- Computer literacy
- On occasion, night and weekend work may be required, but only if an experiment requires it

EDUCATION:

Bachelor's degree required.

EXPERIENCE:

New graduates with some lab experience (via course work, internships, etc.) or those without any prior research experience will be considered for the Research Technician I position outlined above.