

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:

Two full time Research Technician positions are open in the Batista Lab at the Ragon Institute of MGH, MIT and Harvard in Boston. The selected candidates will join a dynamic research team at the forefront of B cell immunology and perform experiments to characterize the efficacy of HIV-specific antigens for vaccine development in physiologically relevant knock-in mouse models. Additionally, the position also offers opportunities to be involved in projects to develop therapeutics against other infectious pathogens. The position offers an exceptional opportunity for scientific growth, particularly in high throughput vaccine development, with access to cutting-edge facilities and a terrific work environment.

The Research Technicians will be a part of the knock-in mouse vaccine development platform. They will work closely with other members of this team to ensure high-quality and timely delivery of results to meet aggressive project timelines.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

- Experience with molecular biology techniques such as DNA/RNA isolation, cloning, standard and real time PCR, and Sanger sequencing preferred
- Previous experience with generation and purification of Fabs, and affinity measurement studies preferred
- Experience with next generation sequencing and/or flow cytometry/FACS analysis highly desirable
- Ability to analyze complex data
- Capable of presenting data at internal lab meetings and conferences
- Maintain detailed lab notebook documenting all experimental work
- Proficiency and/or demonstrated ability to learn computer software platforms such as FlowJo, Geneious, Snapgene, and Graphpad Prism.
- Exceptional organizational skills and excellent attention to details

SKILLS/ABILITIES/COMPETENCIES REQUIRED:

- Should have good interpersonal skills
- Ability to work independently and as a team member
- Must communicate regularly and effectively with team members and supervisor
- Ability to perform multiple tasks independently

- Demonstrate honesty, integrity and reliability
- Must have a positive attitude and willingness to learn and grow

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.

Those with a minimum of 1 year of **directly related** work experience will be considered for a Research Technician II position.

SUPERVISORY RESPONSIBILITY (if applicable):

A Research Technician II may serve as a team leader to lab assistants and Research Technician Is.