

## JOB DESCRIPTION

**Job Title:** Research Technologist

**Job Code:**

**Salary Plan:** Nonexempt

**Lab:** Facundo Batista

**Direct Supervisor:** Facundo Batista

**Employing Hospital and Department:**

Ragon Institute of MGH, MIT, and Harvard

**Minimum degree and field of knowledge:** Bachelor's in Physics, Biology or Chemistry required.

**Years experience:** Bachelor's degree in Physics, Biology or Chemistry + 2 years of related work experience *or* a Master's degree in Physics, Biology or Chemistry with a laboratory component preferred.

### Summary:

One position is open for highly motivated Research Technologist to perform flow cytometry and cell sorting experiments in the Batista Lab at the Ragon Institute of MGH, MIT and Harvard. The primary responsibilities will be the daily operation of the S6 cell sorter and multicolor analyzers. Other duties will include basic operation, daily calibration, maintenance, and troubleshooting of the cytometers, data analysis, and quality control and other laboratory tasks as needed. The successful candidate must be highly organized, self-motivated and have excellent interpersonal and communication skills. 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.

### Job Duties:

- Work closely with lab members to plan and execute flow cytometry-based experiments, collect data on an S6 cell sorter, and analyze and document data.
- Preparation and immunostaining of mouse tissues and cell culture samples according to lab procedures.
- Ordering, preparing, and maintaining cytometry-related reagents.
- Perform instrument QC and maintenance.
- Coordinate annual maintenance, instrument repair and service.
- Responsible for general upkeep of flow sorter lab.
- Some heavy lifting is expected (reagent containers weighing 50 lbs).

### Essential Scientific Qualifications, Skills, and Abilities:

- Experience in flow cytometry preferred, but training will be provided.
- Enthusiasm and drive to establish novel experimental techniques pertaining to the project.
- Exceptional organizational skills and excellent attention to detail.

- Capable of presenting data at internal lab meetings and conferences.
- Maintain detailed lab notebook documenting all experimental work.
- Communicate regularly and effectively with team members and supervisor.
- Proficiency and/or demonstrated ability to learn various computer software platforms.
- Some occasional evening flexibility may be required

**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.

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 these positions 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.

<b>Approved by (Print Name)</b>	<b>Signature</b>	<b>Date</b>
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<b>Supervisor (Print Name)</b>	<b>Signature</b>	<b>Date</b>
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<b>New Hire Employee (Print Name)</b>	<b>Signature</b>	<b>Date</b>
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