



Cell Biology Scientist – I

Headquarters: New Haven, CT

Location: Work at Houston, TX – Texas Medical Center Labs, in-person

Experience: 2+ years of hands-on lab experience in cell analysis and cell biology

Position Type: Full Time or Internship

About Cellsbin

CellsBin is a tech-bio company advancing precision medicine through cutting-edge rare-cell detection and analysis. Backed by prestigious investors, we develop scalable, intuitive platforms that unlock new insights into cell behavior for diagnostics and therapeutic monitoring. Our first application empowers cell therapy developers to non-invasively track therapeutic cells, assess efficacy, and detect complications early, driving safer, more effective treatments.

Job Description

We are seeking a self-driven and detail-oriented Cell Biology Scientist to join our research team. The ideal candidate will have strong expertise in cell biology, with hands-on experience in sample preparation, cell culture and cell analysis, flow cytometry, and PCR. Prior work in hematology or cell therapy labs is highly preferred. This role involves independently managing experiments, ensuring high-quality data collection, preparing clear reports, communicating results, and maintaining a safe, organized lab environment.

Key Responsibilities

- Design, optimize, and execute cell preparation workflows, including purification, immunostaining, incubation, passaging and fixation, ensuring high-quality and reproducible results.
- Operate the CellsBin System, flow cytometers, and related lab equipment to analyze biological samples.
- Independently plan, perform, and troubleshoot experiments in cell biology and hematology; generate reports and communicate findings to the team.
- Maintain accurate records of protocols, procedures, results, and analyses in accordance with lab standards.
- Collaborate with cross-functional teams to support research projects and contribute to data analysis and interpretation.
- Manage lab inventory and coordinate the ordering of supplies and reagents

What We're Looking For

- Minimum Master's degree in Cell/Molecular Biology or related field
- 2+ years of hands-on lab experience in cell analysis and cell biology
- Background in hematology or cell therapy is a plus
- Have experience working with microscopy
- Proven ability to manage projects independently
- Strong data analysis and problem-solving skills
- Highly organized with excellent communication skills
- Self-motivated, goal-oriented, and milestone-driven
- Proficient in lab equipment and data analysis tools,
- eager to learn new materials and technologies

At CellsBin, you'll:

- Join a vibrant, fast-growing startup revolutionizing rare-cell biology and cell-based therapies
- Work on groundbreaking technologies with real-world clinical impact
- Contribute to innovations that shape the future of cancer care and cell therapy development

Please submit your resume and cover letter to talent@cellsbin.com