Associate Research Scientist
Columbia University in the City of New York

Job Title	Associate Research Scientist
Department	Biomedical Engineering
	https://www.bme.columbia.edu/
Institution	Columbia University in the City of New York
	New York, New York
Date Posted	Nov. 5, 2025
Application Deadline	Dec. 6, 2025
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Biomedical Engineering & Bioengineering
Job Website	http://gvnlab.bme.columbia.edu
Apply Online Here	https://apply.interfolio.com/177032
Apply By Email	

Job Description

A Research Scientist position is available immediately in the Laboratory for Stem Cells and Tissue Engineering directed by Dr. Gordana Vunjak-Novakovic. We are looking for a highly motivated Research Scientist to join our team and contribute to cutting-edge research in stem cell technology and biofabrication. This role offers an exciting opportunity to work at the intersection of iPSC biology, cell manufacturing, and advanced 3D printing technologies. Please see our website for more information: gvnlab.bme.columbia.edu

The ideal candidate will bring hands-on expertise in pluripotent stem cell culture, quality control processes, and external partnership management. They will be responsible for establishing and

Associate Research Scientist
Columbia University in the City of New York

maintaining iPSC culture systems, including expansion protocols and comprehensive characterization assays to ensure cell quality and proper differentiation. They must also be self-motivated and quick learners able to learn novel 3D bioprinting technologies to develop novel tissue constructs. An ability to manage external relationships, coordinate study designs, and oversee deliverables is crucial as this project will be fast paced and involve multiple collaborators at different institutions.

Required Qualifications

PhD degree in Cell Biology, Bioengineering, Regenerative Medicine, or related field with 3-5 years of relevant research experience

Demonstrated expertise in iPSC culture, including expansion, differentiation, and characterization techniques (immunocytochemistry, flow cytometry, gene expression analysis)

Hands-on experience with 3D printing technologies, preferably bioprinting or hydrogel-based fabrication systems

Proven track record managing CRO partnerships or collaborative research projects

Strong background in quality control methodologies and documentation practices

Self-motivated with demonstrated ability to work independently and manage multiple projects simultaneously

Excellent communication skills and ability to present scientific data to diverse audiences

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

,