



Senior Scientist - Multiomics

About Partillion

Partillion Bioscience is a venture-backed life science company developing a next generation single-cell analysis platform. Our award-winning nanovial technology enables our customers to accelerate therapeutic development to address the most difficult diseases and provide advanced scientific insights. Our reagent-based platform unlocks the ability to screen hundreds of thousands to millions of individual cells based on critical yet difficult-to-probe functional information all while using standard easy-to-access lab equipment. The technology underpinning Partillion's product was developed in Dino Di Carlo's lab (UCLA) and has been featured in notable journals such as *Science Advances*, *Advanced Functional Materials*, *ACS Nano* and *Lab on a Chip* and received industry accolades, winning the 2020 SLAS Innovation Award.

About The Role

We are seeking an interdisciplinary individual to lead development of functional multiomic assays on our nanovial platform. This individual will work closely with founders to build up and lead the sequencing subgroup within our R&D team. This individual will also interface with early partners and collaborators to help facilitate product adoption.

Responsibilities:

- Lead a team in the development and validation efforts of novel single-cell multiomic assays using the nanovial platform
- Lead the preparation of grants and serve as PI for grant submissions
- Workflow development using FACS, functional cell screening and sequencing
- Interface with customers and partners and assist with assay troubleshooting
- Analyze, interpret, and present findings to the team, partners, and at external conferences
- Create protocols, white papers, presentations, manuscripts

Qualifications:

Minimum technical qualifications:

- Ph.D. + 2 years of exp or M.S. + 5 years of industry experience in Molecular & Cell Biology, Bioengineering or a related field
- Expert in single-cell sequencing experimentation, NGS library preparation, and data analysis
- Ability to design and conduct screening assays

Preferred technical qualifications:

- Expert in single cell-genomics, functional genomics, digital PCR, or related techniques
- Experience with multi-omics experimentation and data analysis
- Developed new single-cell genomic / transcriptomic data analysis approaches
- Experience with DNA barcode synthesis

Personal qualifications:

- Capable communicator, particularly in data reporting, experimental design, and project presentations
- Strong problem solver and innovator with leadership potential
- Ability to learn quickly and lead others

Successful candidates are curious self-starters with a desire to work in a fast-paced biotech environment and are great team-players. Partillion embraces diversity and believes that diverse teams create the most innovative technologies and products that can impact humanity most broadly.

A competitive compensation package including comprehensive health benefits and equity commensurate with experience is offered.

Please send resumes and cover letters to careers@partillion.com and reference **Senior Scientist - Multiomics** job listing.