

Scientist-Research & Development

Job Summary:

We are seeking a highly motivated and experienced entry level scientist with immunology background to join our dynamic research team. The ideal candidate will have extensive expertise in flow cytometry testing, and cell-based assay development. This individual will function as an integral member of the InnoCryo Inc team and is a motivated collaborator with strong interpersonal communication skills. Must be a highly motivated team player with a passion for leveraging their expertise to support scientists across the organization in generating impactful data that advances product development.

Key Responsibilities:

- Lead the development, optimization, and validation of antibody-based products and assays for flow cytometry, ELISA, IF, IHC, Western blotting, and other applications.
- Design and execute multi-color flow cytometry studies for the phenotypic and functional characterization of immune cells.
- Design and conduct studies involving mammalian cell culture, primary cell isolation, immune-cell stimulation, and cell-based functional assays.
- Lead product-development projects from feasibility assessment and experimental design through validation, technical transfer, and product launch.
- Troubleshoot complex technical issues, identify root causes, and implement effective solutions to improve assay performance and reproducibility.
- Develop study plans, experimental protocols, SOPs, acceptance criteria, timelines, and technical reports.
- Analyze and interpret experimental data and present conclusions and recommendations to cross-functional teams and customers.
- Manage multiple projects independently and provide technical guidance to research associates and junior scientists.

Qualifications

- PhD degree in Immunology, Cell Biology, or related field with 3+ years of relevant academic or industry experience.
- Hands-on expertise in flow cytometry.
- Experience with cell-based functional assays (e.g., proliferation, cytokine release, cytotoxicity).
- Experience in primary immune cell culture (PBMCs, T cells, macrophages, etc.) and cell line maintenance.

- Proficiency with general molecular biology and immunology techniques (ELISA, qPCR, western blotting, etc.).
- Excellent organizational, communication, and documentation skills.
- Team-oriented with the ability to thrive in a fast-paced, collaborative environment.

Preferred Qualifications:

- Industry experience in a biotech or pharmaceutical setting.
- Familiarity with immuno-oncology, autoimmune, or inflammation-focused areas.
- Experience with high-dimensional data analysis or computational immunology tools is a plus.
- Experience with ipanel design, sample preparation, and data analysis (e.g., FlowJo, FCS Express) is a plus.
- Experience with immunoassay development including multiplex assay development is a plus.
- Experience with protein or antibody conjugation to different fluorophores is a plus.

Contact:

To apply, please send your resume and cover letter to info@innoCyto.com