

Flow Lab Research Analyst

Job Summary

Research Analyst position in the Single Cell Bioanalytics Center at the Indiana Biosciences Research Institute for a skilled researcher to conduct molecular assay development.

Responsibilities and Duties

Requires laboratory work making and testing assays for RNA and DNA from clinical and biological samples. Duties include the design of molecular reagents, method formulation, protocol preparation, analytical method validation, clinical sample analysis and data analysis.

Qualifications, Experience, and Skills

- Experience in PCR/qPCR assay development and ability to operate and understand digital droplet PCR equipment with proven experience (preferred)
- Experience conducting experiments in targeted sequencing (required) and amplicon sequencing or whole genome or transcriptome sequencing experience (preferred).
- Experience conducting experiments with nucleic acids/oligonucleotides primers and hybridization design (required)
- Experience in precision gene editing and genome engineering (preferred) including cloning, transformation, isolation of plasmid DNA, making deletion, site-mutant construct and ability to add fusion affinity tags for protein purification and expression in *E. coli*, yeast and mammalian cells
- Master of Science (preferred) or Bachelor of Science with relevant experimental lab experience in Molecular analysis and degree in Analytical Chemistry, Biochemistry, Biomedical Engineering, Biology, Genetics, or Cell, Molecular and Developmental Biology

The Organization

The Indiana Biosciences Research Institute (IBRI) is a nonprofit, independent research organization focused on metabolic disease and poor nutrition. Built to conduct research a better way – outside the confines of traditional academic research – IBRI invests in entrepreneurial research talent to pursue breakthrough and translational science to improve the health of individuals and the community in collaboration with others. The IBRI was inspired by Indiana's leading global life science companies and academic research institutions that have a shared interest in attracting the best researchers from around the world to collaborate and work alongside their respective research and development teams to bring the next generation of medicines, diagnostics, devices and food products to market.

Indiana Biosciences Research Institute, Inc. is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, ethnicity, religion, age, sex, sexual orientation or identity, national origin, disability status, or protected veteran status.