



Microarrays, Inc.

Official Job Notice

Position Research Scientist, Assay Development

Duties

Responsible for research and development of sequencing and microarray based clinical diagnostic assays. Independently design, direct and execute R&D projects to support the diagnostic team, using technical expertise across a wide range of NAT (Nucleic Acid Testing) platforms including but not limited to DNA microarrays and DNA sequencing technologies. Develop pipelines for analyzing, interpreting and reporting DNA microarrays and DNA sequencing data from bacteria/archaea microbial communities. Setup in silico experiments to design, optimize, and troubleshoot panels using molecular and sequence analysis software, Geneious or Sequencher. Validate new assays for clinical deployment. Monitor compliance in regards to a safe working environment. Develop methods and procedures, through the application of advanced molecular biology theoretical knowledge. Generate SOPs to perform complex lab and bioinformatic operations. Conduct collaborative 16S rRNA metagenomics studies with reputable researchers to generate technical and educational publications.

Requirements

Ph.D. in Biotechnology Science & Engineering, Molecular Biology, or Biomedical Engineering. Two years of experience in 16S rRNA metagenomics and bacteria/archaea microbial community analysis, and research and development of NAT platforms; including one year of experience using molecular and sequence analysis software, Geneious or Sequencher.

Hours Full time

Location Huntsville, AL

Contact Joel Peek, Ph.D., CEO
Microarrays, Inc.
601 Genome Way, Suite 3300
Huntsville, AL 35806