

Assay Services:

Job Description:

Working as part of a dynamic Assay Services team, you will bring technical skills and innovative thinking to our epigenetic biomarker discovery services. You will have a strong understanding of the fundamentals of molecular biology, next-generation sequencing and diagnostic assay development and work as part of a focused team on deploying qualitative/quantitative assays on biological samples. Essential to this role is a strong work ethic and attention to detail skills; the role also requires the ability to learn and change direction quickly within a rapidly evolving environment as well as the passion and commitment to drive fee-for-service and collaborative projects to successful completion.

Key Roles and Responsibilities:

- Inventory, accessioning, and tracking of incoming samples into the lab via a LIMS system
- Perform manual DNA or RNA extractions from whole blood, various tissues, buccal and saliva samples
- DNA/RNA quantification and quality control with fluorometry and spectrophotometry
- Perform a variety of genotyping and epigenotyping assays including GWAS, EWAS, whole genome bisulfite sequencing, immunoprecipitation, Illumina sequencing, methylation array, digital PCR, TaqMan, and gel electrophoresis
- Ensure protocols, reports, and appropriate documentation are written to required standards
- Perform routine laboratory maintenance activities, including ordering supplies and maintaining inventories, preparing reagents, and managing instruments
- Under supervision, contribute to the design and execution of experiments
- Perform any other assignments deemed necessary by the Assay Services Manager
- Contribute to the development of end-to-end assay workflows from sample in to result out

Requirements & Experience

- Bachelor's degree in molecular biology, biochemistry, biotechnology or (epi)genetics with at least 3 years experience working in a services lab is required (or 4/5 years relevant experience)
- Experience within a contract research organisation or university core facility is desirable; GCLP and LIMS experience is advantageous
- Working knowledge of DNA/RNA amplification and detection required
- Knowledge and experience of Illumina sequencing protocols and data interpretation would be an advantage
- Strong teamwork ethic coupled with the capacity to successfully deliver to tight deadlines
- Rigorous attention to detail in both lab and office-based work
- A clear, strong and open communication style is essential.

Closing date: 28th February 2017

Send CV's to: jobs@cegx.com