Scientist - Cell Biology/Molecular Pathology

Posting ID: 18080902

Celsee Incorporated is looking for an outstanding scientist to drive development of new biological sample preparation and analysis methods. The ideal candidate will have a proven track-record of developing advanced methods or systems for analysis of tissue samples. He/she should be driven by making great products and enjoy working in a truly multi-disciplinary environment. This position will interact closely with colleagues in computational biology, software, applications, chemistry, microfluidics and engineering.

Individuals applying for this position must be self-starters, strategic thinkers, action driven, flexible in changing direction and methods, thrive in a fast-paced environment, excel at managing multiple priorities, succeed in communicating with all levels within the organization and provide immediate contribution.

Key Responsibilities

* As a strong technical contributor, you will drive projects for preparation and characterization of high-quality unfixed tissue sections and high-quality single cell suspensions
* You will develop quantitative assays including multicolor *in situ* hybridization, immunohistochemistry/immunofluorescence and other molecular assays – single and multiplex. You will bring up these assays from scratch including provision of critical equipment.
* You need significant next generation sequencing (NGS) experience and are responsible for quickly learning and mastering our NGS product workflows, and becoming conversant in NGS data analysis
* You will work on cross-disciplinary teams – You will collaborate in building innovative genomics products, which includes including development, validation, and troubleshooting
* You will plan and perform systematic protocol optimization by modeling, identification of critical steps and use of formal design of experiment (DOE) approaches
* You will follow good laboratory practices, including maintenance of accurate laboratory notebooks

Required Skills and Background

* PhD in cell biology, molecular biology or a similar field plus minimum >2 years postdoctoral or industry experience
* Proven ability to develop advanced methods or systems for cell or tissue analysis, as evidenced by peer-reviewed publications or published patents
* High proficiency or mastery in tissue sectioning, immunohistochemistry and microscopy is a firm requirement
* Strong organizational skills
* Strong written and oral communication skills
* Ability to work in a fast-paced and quickly changing environment

Desired Skills and Background

* Experience in high-content screening, single-cell genomics, functional genomics or immunology a significant plus
* Experience working will primary cells or tissue dissociation a plus
* Experience in analysis of next generation sequencing data a significant plus