



Senior Research Associate/Scientist, NGS and Automation

Skyhawk seeks a talented Senior Research Associate/Scientist with a molecular and cell biologist background and expertise in the field of genomics. The position requires hands-on experience in automated assay workflow development with liquid handling systems (i.e. Biomek, LabCyte Echo) and instrument maintenance. Experience with mammalian cell culture, molecular biology and with NGS together are required. The candidate should have problem solving aptitude and be experienced in the management of complex projects. The applicant must be a strong team player and able to thrive in a fast-paced and evolving environment. This role is critical to the timely success of our discovery and future development programs.

About Skyhawk

Skyhawk is committed to discovering, developing, and commercializing small molecule therapeutics that correct RNA splicing. We use our novel SkySTAR® platform (Skyhawk Small molecule Therapeutics for Alternative splicing of RNA) to develop drug candidates directed to targets for some of the world's most intractable diseases including cancer, neurological conditions, and other "undruggable" targets against a wide range of conditions.

Primary Responsibilities:

- Design, build, and automate protocols for use in molecular biology, genomics, next generation sequencing and cell biology applications.
- Work with the scientific team to develop and establish automated assay workflow for high-throughput screening capabilities and SOP's, including requirements gathering, scripting, testing and optimization.
- Establish new processes and workflows, and help improve efficiency in existing processes.
- Perform routine maintenance on liquid handling and automation instruments, and execute quality control/quality assurance of processes and instruments.
- Act as the point person for laboratory hardware, QC and preventative maintenance across the organization.

Requirements:

- Master's or PhD degree in Molecular biology or related field (title commensurate with experience).
- 2+ years' experience implementation and operation of automated systems, including designing, building and deploying automated laboratory workflows in industrial setting in the field of molecular biology and genomics.
- Expertise in next generation sequencing applications is ideal.
- Experience in designing, building, and deploying automated workflows is strongly preferred.
- Demonstrated experience in transferring complex manual assay into an automation workflow.
- Experience with automated liquid handling solutions is highly recommended. Expertise in programming Biomek instrumentation is highly preferred and with LabCyte Echo is an asset.
- Professional level knowledge of engineering and biological principles, particularly in genomics and RNA sequencing.
- Programming experience/proficiency, especially with Python and R, is a plus.
- Proven ability to troubleshoot technical and scientific issues, both individually and as part of a team.
- Excellent communication and collaboration skills.

To Apply: Please send resume and cover letter to HTS.Jobs@skyhawktx.com

A COVER LETTER IS REQUIRED. Please explain why this job is of interest to you. Please detail your strengths and weaknesses as they pertain to the requirements and responsibilities of this position.