

Title: Histotechnologist/Research Associate
Department: Contract Research Services
Location: Marlborough, MA

About Akoya Biosciences:

As 'The Spatial Biology Company®', Akoya Biosciences' mission is to bring context to the world of biology and human health through the power of spatial phenotyping. The company offers comprehensive single-cell imaging solutions that allow researchers to phenotype cells with spatial context and visualize how they organize and interact to influence disease progression and treatment response. Akoya offers two distinct solutions, the CODEX® and Phenoptics™ platforms, to serve the diverse needs of researchers across discovery, translational and clinical research.

Position Summary:

Akoya Biosciences is seeking an experienced and motivated Histotechnologist and Research Associate to join our Contract Research Services (CRS) and Tissue Imaging team in Marlborough, MA. The successful candidate will be a member of a dynamic group that provides laboratory services to academic, biotech and pharma clients in the translational and clinical workspace. The CRS team provides tissue analysis based on our ultra-high multiplexing approach utilizing Akoya's OPAL™ technology to provide unparalleled cellular/tissue imaging capabilities. Efforts focus on assay development, optimization, and standardization of multiplexed immunofluorescence, image analysis and high throughput processing of clients' samples in a GCP and CLIA regulated laboratory environment.

The successful candidate will be a certified histo-technologist and experienced in sectioning of FFPE tissue blocks and conventional immunohistochemistry (IHC). Knowledge of antibody validation methods, immunofluorescence (IF) and quantitative pathology approaches are a plus but not required.

He/she, has preferably worked in regulatory laboratories, including CAP/ CLIA or ISO certified institutions, is detailed oriented, has the ability to prioritize responsibilities and is client/patient oriented. The candidate should be used to working in a fast-paced environment, to meeting deadlines, multitasking, being a team player, and must have good interpersonal skills.

Duties & Responsibilities:

- Sectioning of paraffin-embedded, formalin-fixed tissues.
- Identification of available antibodies for new targets, research, and preparation of background presentations on target biology and expected staining patterns.
- Testing, optimization, and validation of antibodies for FFPE tissue staining.
- Immunohistochemistry (IHC) and immunofluorescence (IF) staining of tissue sections.
- Imaging and review of stained sections.
- Quantitative QC of run controls and control runs.
- Sample accessioning and tracking, inventory of biospecimens and slides and documentation in appropriate software systems.
- Acceptance testing of reagents and materials, both incoming and outgoing.
- Work with senior members of the team to design and carry out experiments, interpret and present the data. Presentation of findings to the team.
- Preparation of data for client reports.

- General laboratory maintenance including maintenance of laboratory equipment, managing inventory and reagent preparation and documentation thereof in accordance with CLIA/CAP regulations.
- Ensuring that all equipment, instruments, and accessories are operational daily. Reporting any irregularities.
- Assuring compliance with Akoya's SOPs and local/federal regulations for clients' projects.
- Maintaining patient sample confidentiality according to HIPAA rules and regulations.
- Following all safety precautions for chemicals and reagents while working in the lab, demonstrating knowledge of OSHA standards and BSL2 laboratory safety standards.
- Maintaining professional and technical knowledge by attending educational workshops and reviewing professional publications.

Skills & Requirements

- BS/BA degree in a Life Science with 2-3 years of experience in a laboratory/pathology environment.
- Experience with IHC
- Experience with tissue sectioning; ASCP certified HT/HTL is preferred.
- Experience with image analysis software is preferred.
- Experience with quality control/quality assurance procedures and compliance with regulatory requirements pertaining to CLIA/CAP and GCLP.
- Must be detail-oriented and organized.
- Excellent computer skills including Microsoft Word, Excel, and PowerPoint; experience with tracking systems and pathology imaging software is a plus; experience with electronic notebook systems; familiarity with specialized and hardware-based systems in the laboratory such as barcode readers and zebra printers. Knowledge to install and integrate them into the laboratory workflow.
- Ability to organize, prioritize and manage workflows.
- Ability to troubleshoot and work independently under pressure of deadlines and the desire to work in a fast paced, team environment.
- Passion for pathology and personalized medicine.

Akoya Biosciences, Inc. proudly affords equal employment opportunity to all qualified persons regardless of race, color, religious creed, national origin, age, military status, sexual orientation, disability, genetic information, gender identity, gender expression or gender unless based upon a bona fide occupational qualification.

Apply at: careers@akoyabio.com