



**Title: Research Associate II, Contract Services**

**Location: Marlborough, MA**

**Akoya Biosciences, Inc.**

Akoya Biosciences, Inc., The Spatial Biology Company™, with offices in Menlo Park, CA and Marlborough, MA is a well-funded and emerging growth company that is developing powerful imaging tools to enable scientists and clinical researchers to gain a better understanding of complex diseases such as cancer and autoimmune disorders. Our CODEX® platform, spun out of the lab of Dr. Garry Nolan at Stanford University, enables the assessment of more than 40 protein markers in a sample and is ideally suited for biomarker discovery. Our Phenoptics™ platform, the industry standard for multiplex IF/IHC provides the assay robustness and throughput necessary for translational and clinical research required in clinical trials. Our partnerships with the academic community and our customers have resulted in a robust pipeline of future products.

**Job Description**

Akoya Biosciences is seeking an experienced and motivated Research Associate II to join our Contract Research Services (CRS) and Tissue Imaging team in Marlborough, MA. The successful candidate will be a member of a dynamic team that provides laboratory services to clients. Akoya Biosciences provides tissue analysis based on our ultra-high multiplexing approach utilizing Akoya's OPAL™ technology to provide unparalleled cellular/tissue imaging capabilities. The Contract Research Services team focuses on assay development, optimization, and standardization, on sectioning, staining, imaging and quantitative analysis of tissue sections.

The successful candidate will be experienced in processing and analysis of FFPE tissue, conventional immunohistochemistry (IHC), assay development and standardization as well as high through put laboratory processes. The candidate will have worked with LIMS systems and have experience working in a regulated laboratory setting such as a CAP/CLIA or ISO certified institution. Knowledge of antibody validation methods, immunofluorescence (IF) and quantitative pathology approaches are a plus but not required.

**Key Responsibilities:**

- Immunohistochemistry (IHC) and immunofluorescence (IF) staining of tissue sections.
- 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.
- Imaging of IF slides.
- Quantitative QC of assay development and run controls using Akoya's software and procedures (phenochart, inform, R script)
- General laboratory maintenance including maintenance of laboratory equipment, managing inventory and reagent preparation and documentation thereof in accordance with CLIA/CAP regulations.
- Ensures that all equipment, instruments, and accessories are operational daily. Reports any irregularities.
- Maintains patient confidentiality according to HIPAA rules and regulations.
- Sample accessioning and tracking, inventory of biospecimens and slides and documentation in appropriate software systems.
- Performs 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.
- Performs required quality control procedures for compliance with all local, state, and federal law; responsible for all proper documentation according to Akoya's QM system.
- Follows all safety precautions when using chemicals and reagents demonstrating knowledge of OSHA standards and in concordance with BSL2 laboratory safety standards.

#### **Skills and Qualifications:**

- BS/BA degree in a Life Science with 2-3 years of experience in a laboratory/pathology environment.
- Experience with IHC
- Experience with image analysis software is preferred but not required.
- Experience with quality control/quality assurance procedures, compliance with regulatory requirements
- 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.