

**Title:** Image Analysis Scientist  
**Department:** Phenoptics Clinical Platform Prototyping Group (CPP)  
**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 is seeking an Image Analysis Scientist to work within our new Clinical Platform Prototyping (CPP) Group in Marlborough MA. CPP is responsible for developing new multiplexed IHC methods and workflows using Akoya's Phenoptics mIF platform for exploratory and validation studies.

CPP sits within Applications, a dynamic team that engages with important strategic collaborators in academia and in the pharmaceutical industry to help facilitate adoption of the Phenoptics platform, including advancing the platform toward clinical applications. CPP will build tools that help with clinical workflow development and facilitate clinical innovation leveraging insights from academic collaborations, Akoya/Pharma partnerships, and internal R&D.

The incumbent will be collaborative and well versed in imaging and image analysis of immunohistochemistry (IHC), immunofluorescence (IF), and quantitative pathology applications. This includes the ability to perform statistical analyses and data visualization using packages such as R, Python, and/or MATLAB for the quantification of IHC staining expression, including tumor/stroma classification and cellular feature extraction.

**Duties & Responsibilities:**

- Perform image analysis to assess performance of new mIF staining and image analysis methods.
- Support the development of new image analysis workflows and functionality needed for advancing Akoya's contract services, collaborations with academic and industry, and activities in Akoya's R&D related to product development.
- Perform image analysis using inForm® and other third-party image analysis programs.
- Run R scripts and packages; some scripting experience is desirable but not required.
- Collaborate with other team members to accomplish specific task/team objectives within project timelines.
- Communicate with internal R&D scientists and engineers to promote innovation and original thinking in execution of research tasks at a level equivalent to state-of-the-art in the industry.
- Meet scheduled completion dates and provide timely feedback when applicable.
- Generate data for use in scientific technical content for use and adoption by our sales and marketing teams, such as technical briefs and application notes.
- Demonstrate proactive and original thinking in execution of tasks involved with all projects.
- Exhibit excellent oral and written communication skills.

### **Skills & Requirements**

- Requires a BS with 3-5 years of experience, a MS with 0-3 years of experience or a PhD with 0-2 years of experience in a Life Sciences related area in an academic or bio/pharma environment.
- Experience with immunofluorescent imaging, preferably with multiplex immunofluorescence using the Phenoptics workflow.
- Experience with analysis of IF stained samples, preferably with inForm.
- Proven knowledge in one or more of the following areas: IHC, Histology, digital/quantitative pathology, cancer immunology, immunology, cancer biology and biomarker discovery/validation.
- Highly organized with attention to details and excellent information management, time management, and organization skills.
- Ability to learn quickly and work effectively, both independently and within a team environment.
- Self-motivated and energetic with a results-focused approach to achieving daily goals and activities.
- Excellent written and verbal communication skills and the ability to clearly communicate scientific objectives and project results.

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](mailto:careers@akoyabio.com)