

Title: Application Scientist, Phenoptics Clinical Platform Prototyping Group (CPP)

Department: Clinical Platform Prototyping

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 Application Scientist to work within our new Clinical Platform Prototyping (CPP) Group in Marlborough MA.

CPP sits within Translational & Scientific Affairs, 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 is responsible for developing new multiplexed IHC methods and workflows using Akoya's Phenoptics mIF platform. CPP is building tools that facilitate RUO, translational and clinical workflow development by leveraging insights from academic collaborations, Akoya/Pharma partnerships, and internal R&D.

The Application Scientist position is largely laboratory-based and requires the ability to design and perform analytical procedures for immunohistochemistry (IHC) product development and product support using automated staining systems for monoplex and multiplex immunofluorescence (IF) tissue staining.

A track record of IHC/IF assay development and validation in a GCLP or related regulated environment would be beneficial but is not required. The candidate should however have a solid understanding of the use for IHC to assess tissue biomarkers in biomarker-driven clinical trials.

We also welcome applications from candidates able to perform statistical analyses and data visualization using quantitative pathology applications (inForm, HALO, VisioPharm, QuPath) and/or 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:

- Communicate with internal R&D Team to promote innovation and original thinking in execution of research tasks at a level equivalent to state-of-the-art in the industry.
- Collaborate with internal Applications Team and Advanced Biopharma Services (ABS) Group members to accomplish specific task/team objectives within project timelines.

- Generate data for Phenoptics scientific technical content for use and adoption by our sales and marketing teams, such as technical briefs and application notes, and for presentations for use at global conferences and in peer-reviewed publications.
- Will be accountable for meeting scheduled completion dates and for providing timely feedback, demonstrating proactive and original thinking in execution of tasks involved with all projects.

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. Those with histotechnician or histotechnologist certifications are welcome to apply.
- Experience with immunofluorescent staining and imaging, preferably with multiplex IHC/IF using the Phenoptics workflow.
- Proven knowledge in one or more of the following areas: IHC, IF, histology, digital/quantitative pathology, immunology, immuno-oncology, cancer biology and biomarker discovery/validation.
- Highly organized with attention to details and excellent information management, time management, and organization skills.
- Self-motivated and energetic with a results-focused approach to achieving daily goals and activities. Ability to learn quickly and work effectively, both independently and within a team environment.
- 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