Title: **Research Associate**

Department: **Protein Team, Research and Development**

Location: **Menlo Park, CA**

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:

We are looking to hire a motivated Research Associate to join the Protein Team within the R&D Department in Menlo Park, CA. This individual will work within a dynamic and fast paced team to explore new chemistries, explore integration of assays onto automated platforms as well as multiplexed detection assay development. This role involves significant benchwork and experiment execution. The ideal candidate will have knowledge of antibody-based technologies, including automated assay development, antibody conjugation, immunohistochemistry (IHC), immunofluorescence (IF), ELISA and/or western blot. Additionally, this candidate should be informed on fluorescence microscopy and associated analysis techniques. This role will involve collaborative work with other members of the Protein Team, as well as other groups within the broader R&D organization. Most projects will be geared towards assessing technology feasibility and exploring new protocols, methods and techniques. An ideal candidate will have an inherent curiosity, interest in innovation and bounds of creativity.

Duties & Responsibilities:

Responsibilities

- Design and perform experiments related to integration of traditional immunohistochemistry platforms with the intent to expand antibody capabilities of the CODEX™ technology.
- High throughput staining and imaging of tissue samples using the CODEX platform.
- Perform image-based data analysis.
- Develop new protocols and methods.
- Review scientific literature and summarize relevant information.
- Perform antibody conjugations and purifications.
- Analyze tissue samples using fluorescence microscopy.
- Work within a cross functional team toward project objectives and present findings to group.

Qualifications

- BS in biological sciences or other relevant field with at least 1-2 years of experience in the biotechnology or pharmaceutical sector.
- Broad technical expertise and a desire to work at the bench

- Knowledge with assay development on immunohistochemical platforms
- Knowledge of IHC/IF
- Familiarity with fluorescence microscopy
- Preferred experience with automated antibody strainers, antibody conjugations and high-plex protein technologies
- Excellent written and verbal communication skills
- Solid organizational skills including attention to detail and multi-tasking capabilities.

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.

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