

Title: Image Analysis Scientist
Department: Research & Development, Reagents
Location: Menlo Park, CA

About Akoya Biosciences:

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 is seeking a highly motivated Image Analysis Scientist to join the Reagents Group within R&D in Menlo Park, CA. This position involves working with a team of other scientists to develop qualitative and quantitative tissue-based image analysis for Akoya based platforms. Expertise in immunohistochemistry, fluorescence microscopy, strong computational skills and the ability to attain a full understanding of the CODEX/ Phenoptics end-to-end workflow is required. A high attention to detail and quality standards are required to be successful in this role. This position is part of the reagent development group within R&D and will work closely across other groups within R&D as well as other departments.

Essential Functions:

- Design, implement and test new tools for CODEX image data analysis.
- Develop quantitative assessment of images captured using CODEX and Phenoptics acquisition platform, using tools such as inForm, PhenoChart, ImageJ, and R.
- Design and validate image analysis routines to assess quality of staining and imaging.
- Support team members with an appropriate Image analysis approach, and train others to perform the analyses.
- High throughput staining and imaging of tissue samples using the CODEX platform.
- Work independently toward project objectives and present findings to the group.

Skills & Qualifications

- MS with 4+ years of experience or a PhD with at least 1-2 years of experience performing image analysis of tissue sections.
- Requires extensive experience with imaging and analysis of stained slides, experience with IHC and IF staining is desirable.
- Experience using VECTRA® and/or inForm® is preferred,
- Ability to run R scripts and packages; some scripting experience is desirable.
- Experience working with fluorescence microscopy.
- 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.

Apply at: careers@akoyabio.com