

## **Data Scientist / Bioinformatician**

**Location: Menlo Park, California or Remote, Global**

### **About 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.

### **Position Summary**

Akoya is seeking an experienced Bioinformatician / Data Scientist to join our Applications Development Group headquartered in Menlo Park, California. This group works at the forefront of imaging-based biomarker discovery and clinical translation, cross-functionally with CODEX and Phenoptics platforms. The Applications seeks to spearhead analytical efforts aimed at high-throughput cell phenotyping, spatial analyses at micro and meso scales, as well as correlational analyses between imaging data and clinical descriptors.

The successful candidate will join a young and energetic as a bioinformatic / data analysis resource and thought leader. The candidate will work in close collaboration with the group's leadership in an effort to test and find solid analytical parameters for AKOYA's ultra-high plex immunohistochemistry (IHC) and immunofluorescence (IF) applications.

### **Key Responsibilities**

- Bioinformatic analysis of IHC and IF staining results.
- Acquire mastery and understanding of existing analysis tools.
- Implementation of new tools and ownership of bioinformatic analysis related to novel applications.
- Rolling implementation of externally published scripts to analyze and compare available datasets.
- Devise and implement new analysis strategies in collaboration with team needs.
- Continuous monitoring of bioinformatic literature related to spatial analysis.
- Testing, assessment, and validation of software as needed to support team.
- Collaboration with team members to accomplish specific objectives within project timelines.
- Reliable task planning and completion.
- Demonstrate proactive and original thinking in execution of tasks involved with all projects.
- Excellent oral and written communication skills.
- Promote innovation and original thinking.
- Participation in external presentations may be encouraged.
- Maintenance of computing systems and analysis software.
- Training of team members.

### **Skills and Qualifications**

- Requires a PhD with extensive Bioinformatic analysis background.
- Imaging analysis experience is a bonus, especially if the focus is on IHC and IF applications.
- Industry experience is not required.
- Fluency in R, MATLAB or other programming platforms are required.
- Knowledge of machine or deep learning strategies.
- Demonstrated ability to succeed in a fast-paced environment with evolving priorities and deadlines.
- Excellent written, verbal, and presentation skills.
- Ability to communicate, educate and engage wet lab scientists.
- Excellent team orientation and interpersonal skills.
- Highly organized with attention to details and excellent information management, time management, and organization skills.
- Digital workflow experience is desirable.

### **Education**

- PhD, or lesser with significant practical experience in Bioinformatic analysis.

**Job Type:** Full-time

If interested, please contact us at [jobs@akoyabio.com](mailto:jobs@akoyabio.com).