

**Title:           Scientist**

**Location:    Boston, MA and Marlborough, MA**

**About Akoya Biosciences, Inc.:**

Located in Menlo Park, CA, and Marlborough, MA. Akoya Biosciences, Inc., is a well-funded and rapidly growing company with industry leading technologies for tissue staining, imaging and analysis and provides spatial biology solutions to the translational and clinical research market. Akoya has developed a mature, analytically robust, and clinically relevant technology platform (Phenoptics™) with unparalleled cellular/tissue imaging capabilities that enables cancer patient phenotyping at high throughput. Leading Pharma and academic- and hospital-based research centers leverage the Phenoptics platform in clinical/translational research studies, including the discovery and clinical validation of predictive biomarker signatures.

**Position Summary:**

Akoya is seeking a highly motivated Scientist to conduct translational research in immuno-oncology to advance the use of Phenoptics in spatial biology biomarker discovery and validation. This individual's primary responsibility will be to serve as a key participant and driver of the company's ongoing collaboration with the Dana-Farber Cancer Institute (DFCI) and Brigham and Women's Hospital (BWH) in Boston, MA. Akoya and the Department of Pathology at DFCI/BWH have a long-standing collaboration in immuno-oncology (I/O) focused on the development, validation, and continued improvement of the DFCI ImmuneProfile test. This test leverages the Phenoptics platform, is provided to cancer patients at DFCI/BWH who are candidates for specific types of immunotherapies and forms the basis for tissue- based imaging and analysis in translational research studies for the DFCI PROFILE Project. This individual will i) lead efforts to develop and validate spatial biomarker predictive signatures for I/O leveraging ImmuneProfile test results, ii) contribute to research studies seeking to optimize a clinical workflow for the Phenoptics platform, and iii) conduct studies to evaluate pre-commercial Akoya reagents and software in an academic hospital translational research setting. This position will be primarily based at DFCI/BWH. Periodic travel to Akoya's Marlborough, MA site is expected.

**Duties and Responsibilities:**

- Conduct clinical/translational research at DFCI/BWH leveraging the Phenoptics platform and workflow
- Perform routine immunohistochemistry (IHC) and immunofluorescence (IF) staining on fixed tissue sections manually or on an automated IHC stainer
- Perform data analysis on multiplexed immunofluorescence images and identify and validate clinically relevant predictive signatures

- Contribute to experimental design, planning and scientific execution of research projects
- General laboratory work including sample/reagent preparation and equipment maintenance
- Collaborate with team members and other project staff to accomplish specific tasks and team objectives within project timelines
- Write manuscripts, abstracts, and other documents to support the presentation of experimental results in peer-reviewed journals, at scientific conferences, and other forums
- Work onsite at DFCI/BWH. Periodic travel to attend scientific conferences, as conditions permit and subject to the then current travel policies of both DFCI/BWH and Akoya

**Education:**

- MS in Biology, Molecular Biology, Cancer Biology, Pathology or related fields required. Ph.D. with post-doctoral experience preferred

**Skills & Qualifications**

- 4+ years experience in tissue-based imaging, staining, and data analysis. Experience with Phenoptics workflow and autostaining a plus.
- Understanding of immunohistochemistry/immunofluorescence; hands-on experience is required.
- Strong writing skills required. Must possess the ability and desire to generate manuscripts, abstracts, posters, and other documents to support the presentation of experimental results.
- A thorough understanding of scientific experimental design, hypothesis testing, and the ability to perform and troubleshoot experiments.
- Highly adaptable and able to work in a fast-paced environment.
- Strong interpersonal and presentation skills, ability to communicate with a diverse group of professionals.
- Ability to work independently and as part of a larger team.
- Excellent written, verbal and presentation skills.
- Highly organized with attention to details. Excellent information and time management skills.