

Title: Research Associate I-III (BSc or MSc)
Department: Discovery Applications
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:

Akoya Biosciences is seeking an experienced and motivated Scientist to join our Applications Team in Menlo Park, CA. The Applications Team is at the forefront of imaging-based biomarker research in cancer, immunology and neuroscience.

The desired skillset centers around the ability to perform immunohistochemistry (IHC) experiments, including all experimental and analytical procedures. Successful candidates will be asked to conduct antibody screening, antibody conjugations, imaging experiments, data interpretation and laboratory management. You will have experience in *one or more* of the following techniques: antibody purification, antibody conjugation, protein quantification, tissue sectioning, staining Fresh Frozen and FFPE tissues, conventional immunohistochemistry (IHC), fluorescence microscopy, image analysis, laboratory management.

Duties & Responsibilities:

- Testing, optimization, and validation of antibodies for tissue staining
- Purification and conjugation of novel antibody targets to CODEX oligo barcodes
- Immunohistochemistry (IHC) and immunofluorescence (IF) experiments on fresh frozen or FFPE tissue sections
- Sectioning of paraffin-embedded, formalin-fixed tissues
- Cryosectioning
- Mastery of multiple distinct staining workflows
- Epifluorescence imaging and interpretation of staining results
- Research new staining targets
- Develop simple study protocols
- Laboratory management tasks including ordering, maintenance of inventory and reagent stocks, logging and maintaining equipment
- May track expenses

Skills & Requirements

- BA or MSc in Life Sciences with minimum 2 years of laboratory experience

- Experience with IHC is a must
- Good knowledge of chemistry is a plus
- Experience with image analysis is also a plus
- Excellent computer skills including Microsoft Word, Excel, and PowerPoint
- Ability to organize, prioritize and manage workflows
- Ability to troubleshoot and work independently in a fast paced, team-focused environment

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