

Title: Research Associate
Department: Commercial 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:

We are seeking motivated Research Associates to join our rapidly growing Applications Team in Menlo Park, CA. The Applications Team is at the forefront of imaging-based biomarker discovery for cancer immunotherapy and neurodegenerative disease.

The desired skillset centers around the candidate's ability to perform immunohistochemistry (IHC) experiments, including all experimental and analytical procedures. Successful candidates will be asked to conduct antibody screening (IHC), antibody conjugations (chemistry), imaging experiments, data interpretation and laboratory management. You will have experience in one or more of the following techniques: antibody purifications, antibody conjugations, protein quantification assays, tissue sectioning, staining Fresh Frozen and FFPE tissues, conventional immunohistochemistry (IHC), fluorescence microscopy, interpretation of staining results, image software, laboratory management. Experience with multiplex IHC is considered a plus.

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.
- Mastery of multiple distinct staining workflows; ability to teach workflows to team and customers.
- Using automated staining systems.
- Epifluorescence imaging and interpretation of staining results
- Research new staining targets and prepare presentations on target biology and expected staining patterns.
- General laboratory management including maintenance of reagent households and laboratory equipment.
- Design and carry out experiments; interpret and present data during lab meetings.

- Develops simple study protocols or portions of complex protocols.
- May track expenses and monitor budget.

Skills & Requirements

- BA or MSc in Life Sciences with minimum 2 years of experience in a laboratory
- Experience with IHC is a must.
- Good knowledge of chemistry is a plus.
- Experience with image analysis is expected.
- Excellent computer skills including Microsoft Word, Excel, and PowerPoint.
- Ability to organize, prioritize and manage workflows.
- Ability to troubleshoot and work independently under pressure of deadlines and the desire to work in a fast paced, team 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