Scientist/Associate Scientist, Reagent Development

Akoya Biosciences, Inc.

Located in Menlo Park, CA and Hopkinton, MA, Akoya Biosciences, Inc. is a well-funded and rapidly growing company with industry leading technologies for tissue staining, imaging and analysis. Akoya’s innovative products and strategic partnerships have established the company as a leader in the field of precision medicine.

Our partnerships with the academic community and our customers have resulted in a robust pipeline of future products.

Job Description

We are seeking for a highly motivated Research and Development Scientist to join our Phenoptics™ Reagents R&D group located in Hopkinton, MA.

As a Reagent Scientist, you will work in a dynamic, team-oriented environment. You will be responsible for developing applications and products for Opal Multiplex Fluorescent IHC Reagents which are designed specifically for Akoya’s cutting-edge Mantra and Vectra Polaris multispectral imaging systems. The desired skillset for laboratory work includes the ability to perform immunohistochemistry (IHC) procedures to support the product development. Your work will involve manual laboratory work and the use of automated stainer systems for monoplex and multiplex fluorescence tissue staining.

Essential Duties and Responsibilities:

- Primary responsibilities involve sectioning of paraffin-embedded, formalin-fixed tissues and performing immunohistochemistry (IHC) and immunofluorescence (IF) staining on tissue sections manually or on an automated IHC stainer
- Contribute to experimental design, planning and scientific execution of research projects
- General laboratory work including sample/ reagent preparation and maintenance of the automated IHC stainer
- Record experimental results for research and development projects in laboratory notebooks
- Demonstrate proactive and original thinking in execution of research tasks involved with all projects. Identify technical issues, recommend solutions and communicate results to the team.
- Collaborate with other team members to accomplish specific task or team objectives within project timelines. Accountable for meeting scheduled completion dates and for providing timely feedback when dates cannot be met.
- Follow company policies and safety practices, including maintenance, lab safety, ISO or GLP as appropriate
Qualification Requirements:

To perform this job successfully, the candidate must be able to perform each essential duty satisfactorily. Reasonable accommodations can be made to enable individuals with disabilities to perform the essential functions.

- Requires a histotechnician or histotechnologist certification or a BS degree (preferably in Cell Biology) with 2+ years’ experience, or a MS degree or equivalent with experience in histology and microscopy
- Hands-on experience with immunostaining (immunohistochemistry and immunofluorescence)
- Broad laboratory experience and skills in biology, biochemistry and assay development
- A thorough understanding of experimental design, scientific principles, and the ability to perform troubleshooting experiments
- Demonstrated ability to work independently and in a fast-paced team environment, working on multiple projects with evolving priorities and deadlines.
- Additional experience with fluorescence microscopy, image analysis and automated IHC stainer is a plus
- Excellent written, verbal and presentation skills
- Highly organized with attention to details. Excellent information management and time management

WE ARE AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER