

Title: Scientist I
Department: RNA Team, Research and Development
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 looking to hire a Scientist candidate to join the RNA Team within the R&D Department in Menlo Park, CA. This individual will work within a dynamic and fast paced team to explore new chemistries and imaging techniques for multiplexed detection assay development. The ideal candidate will have experience with immunofluorescence, immunohistochemistry, RNA technologies, imaging RNA, image analysis and tissue handling. Familiarity with microfluidics and DNA hybridization technologies is preferred. This role involves experiment design and planning, experiment execution and experiment troubleshooting. Other responsibilities include data analysis and presentation to the broader group. We are looking for motivated and creative individuals who have at least two years of experience in a relevant field. It is critical that this individual is flexible and team oriented. Finally, this candidate would ideally have experience in a multi-disciplinary setting with a proven track record of collaboration with other team members to deliver on a complex technical need.

Duties & Responsibilities:

Responsibilities

- Design and execute experiments for RNA technology development.
- Design analytical experiments to measure and quantify biological material and fluid transfer during workflow steps
- Perform fluorescence microscopy analysis.
- Develop DNA hybridization methods for high-plex RNA detection strategies.
- Collaborate with other members of the RNA Team, Software Group and the broader R&D Organization.
- Troubleshoot experiment designs for optimization of key parameters.

Qualifications

- Ph.D. in chemistry, biological sciences, biochemistry or related field.
- 2-5 year's experience in biotechnology sector.
- Experience with fluorescence microscopy.
- Experience with RNA imaging or other related RNA technologies.



- Familiarity with the following techniques/methodologies: UV/Vis spectroscopy, antibody conjugations, DNA-based hybridization assays, antibody-based assays (IHC, IF, Western blot, ELISA), RNA-based assays.
- Familiarity with the following fields: microfluidics, cancer immunotherapy, microscopy, immunology, and oncology.

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.

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