

Application Development Scientist – Reagents Development

 Lunaphore Technologies SA

 Tolochenaz (Vaud), Switzerland

Job title: Application Development Scientist – Reagents Development

Reports to the: Application Development Team Leader

Activity rate: 100%

Type of contract: Permanent

Start date: September 2021

Duration: Indeterminate

About our company

Lunaphore Technologies is a young scale-up active in the Life Sciences field developing products based on a microfluidic technology to analyze tissue samples in immuno-oncology research. Lunaphore is seeking a highly motivated candidate to join our team and contribute directly to the development and growth of the company.

Job overview

We are looking for an 'Application Development Scientist' to test, develop, and optimize new reagents for spatial proteomic or transcriptomic applications on tissue samples using Lunaphore's microfluidic platforms.

Responsibilities and duties

- Identify the reagents to be integrated in the product range
- Test, develop, and optimize new reagents for spatial proteomics and/or transcriptomic assays on tissue samples using Lunaphore's microfluidic platforms
- Explore and understand the background knowledge of the current reagents and potential candidates
- Assess the chemical compatibility of the potential reagents with the instrument components and between reagents
- Acquire fluorescent images, process them, and extract relevant data
- Interact with the QA/RA and manufacturing departments: communicate clearly with other departments about reagent development to anticipate needs in term of commercial agreements, supply, volumes, storage etc...
- Write related documentation for newly developed reagents

Required qualifications

- BSc/MSc in chemistry, biochemistry, biotechnology or similar
- At least 2 years of experience in an industrial environment in the field of bioreagents development
- Previous hands-on experience with immunostaining and in situ techniques is a strong plus
- Fluency in oral and written English
- Experience in reagent development, buffer composition, and chemical compatibility is a strong plus
- Experience in fluorescent microscopy and microfluidic devices is a strong plus
- Background in immunology or oncology is a plus
- Knowledge in immunoassay and analysis of histological samples is a plus
- Good knowledge in image processing and data analysis is a plus

Required soft skills

- You can collaborate with others by working in a team, share information with peers and managers.
- You demonstrate critical thinking, good organizational skills, and attention to details.
- You are interested in interdepartmental collaborations and in the stakes of reagent development.
- You are comfortable in troubleshooting and directly interacting with microfluidic devices.
- Fluency in oral and written English is a must.

We offer

- A multidisciplinary industrial project within a rapidly growing high-tech scale-up.
- An international working environment with high level of diversity and a large network.
- A highly interactive team with strong personal and technical qualities.


How to apply

Send your complete application through human.resources@lunaphore.com

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