

Application Development Intern - Assay optimization

 Lunaphore Technologies SA

 Tolochenaz (Vaud), Switzerland

Job title: Application Development Intern - Assay optimization

Reports to the: Application Development Team Leader - Engineering

Activity rate: 100%

Type of contract: Internship

Start date: 01.08.2021

Duration: Determinate (6 months)

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 Intern' to optimize multiplexed immunoassays for analyzing the tumor microenvironment on tissue samples using in-house developed microfluidic tools.

Responsibilities and duties

- Assay optimization of highly multiplexed immunostaining on tissue samples using Lunaphore's microfluidic platforms.
- Explore and understand detection systems for immunoassays.
- Explore and understand the background knowledge of the biomarkers under development.
- Image acquisition and processing, data analysis and reporting of results.
- Testing of new prototypes and contribution to continuous development.

Required qualifications

- B.Sc. or M.Sc. degree in Molecular Biology, Biomedical Engineering or a related field.
- Hands-on experience in immunoassay optimization.
- Experience in microscopy for analysis of histological samples.
- Experience in and handling microfluidics devices is a strong plus.
- Good knowledge in data analysis and image processing is a strong 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 comfortable in troubleshooting and directly interacting with lab automation devices.
- Fluency in oral and written English is a must.

We offer

- A young and strong-growing high-tech company.
- A diverse and international working environment with a strong network.
- A highly interactive team with strong personal and technical qualities.

How to apply

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


Applications from Non-EU/EFTA nationality holders

Non-EU/EFTA nationals are subjected to restrictions/conditions from the Swiss government. For this reason, we will privilege CH/EU/EFTA candidates.

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