

The Luxembourg Institute of Health is a public research organisation at the forefront of biomedical sciences. With its strong expertise in population health, oncology, infection and immunity as well as storage and handling of biological samples, its research activities impact on people's health. At the Luxembourg Institute of Health, devoted scientists investigate disease mechanisms to develop new diagnostics, innovative therapies and effective tools to implement personalised medicine. The institution is the first supplier of public health information in Luxembourg, a strong cooperation partner in local and international projects and an attractive training place for ambitious early-stage researchers.

To assist our National Cytometry Platform team in its day to day activities, we are currently looking for a :

## Engineer Flow, Mass and Imaging Cytometry

2 year fixed-term contract, full-time, entry date: May 2018

The candidate will work as an Engineer in the National Cytometry Platform (NCP). He will mainly be responsible for :

- The resolution and prevention of technical problems with the flow, mass and imaging cytometers as well as cell sorters and related equipment (immuno-assays, microscopes) in consultation with the current Head of Unit;
- He/she will support users to perform optimal cytometric experiments for their specific projects (panel design, protocol, acquisition, supervised and non-supervised analysis);
- He/she should become independent in maintaining the platform infrastructure and functioning.

### Key Accountabilities

- Maintaining the equipment inside the facility and performing the necessary quality controls
- Training users to operate the different cytometers
- Evaluate and troubleshoot problems
- Assist in experimental design / protocol development, data acquisition
- Assist with the analysis and presentation of the data using the different available softwares (Diva, FlowJo, ModFit, Infinicyt, FCAP, Kaluza, Cytobank, R, Ideas, Prism, ...)
- Maintain the stock and prepare the necessary order forms
- Maintain schedule in order to run the platform to the maximum efficiency
- Keeping updated with the latest relevant developments in the field of cytometry

### Key Skills, Experience and Qualifications

- Master/Engineer Diploma or higher in Biotechnology, Biology, Biomedical sciences, etc.
- Practical experience of several years in two or more of the following areas: flow cytometry, mass cytometry, imaging cytometry, cell sorting, antibodies coupling, immunology, oncology, bio-medical research
- Self-driven motivation, service oriented, sense of initiative, ability to work independently and meet responsibilities without continuous supervision
- Good verbal communication skills and being able to interact successfully with a broad range of individuals
- Languages skills: fluent command of English, knowledge of another language of the European Union is an asset.

Located in Luxembourg, LIH offers the opportunity to work in a dynamic, international and multilingual environment that values personal respect and professional achievement based on the highest intellectual and ethical standards. The remuneration for this position shall be based on qualification and experience.

**Applications including a cover letter and a full curriculum vitae should be sent before 29 April 2018 through our website [www.lih.lu/jobs](http://www.lih.lu/jobs). Ref.: VD/EFC0318/CG/DII NCP**