

Flow Cytometry Core Facility Technologist

RECRUITMENT PERIOD:

Open date: Jan 15, 2016

Closing date: Jan 29, 2016

Please apply online at: <http://www.careers.ualberta.ca/Competition/S112628471/>

This position offers a comprehensive benefits package, which can be viewed at: www.hrs.ualberta.ca.

The Faculty of Medicine and Dentistry (FoMD) Flow Cytometry Core Facility provides state-of-the-art flow cytometry instrumentation for the University of Alberta. The Flow Core Technologist is responsible for coordinating the day-to-day operations of the FoMD Flow Cytometry Core, ensuring that instruments are maintained in good working order and have all necessary reagents available. This position will provide excellent customer service while assisting in the acquisition and analysis of data, in performing high level flow cytometric acquisition and in sorting of BSL1 and BSL2 samples. The Flow Core Technologist will work with the Flow Core Manager in training users, both in flow cytometry theory as well as in “hands-on” training for the instruments.

Duties

- Provides training for users on facility analyzers, sorters and analysis software
- Performs sorting of BSL1 and BSL2 samples; assists users in acquiring samples; coordinates instrument schedules (daily accountability), etc.
- Assists users in experimental design, data acquisition, and data analysis/interpretation
- Monitors instrument performance and operation; performs daily calibration of instruments
- Coordinates instrument repairs and preventative maintenance visits
- Prepares flow cytometry reagents and orders supplies
- Manages instrument logs and coordinates instrument booking and billing
- Ensures biosafety regulations are enforced
- Keeps current on new technologies, reagents, equipment and procedures; attends training sessions in consultation with the Core manager

Qualifications

- The ideal candidate will have a BSc in life sciences; MSc preferred; equivalent combinations of education and experience will be considered
- 2 or more years experience in advanced flow cytometry; experience on BD instruments would be an asset
- 5 or more years experience in sorting

- Demonstrable experience with flow cytometry analysis software; experience with FlowJo, FCS Express preferred
- General understanding of cell biology
- Knowledge of biosafety and decontamination protocols
- Good communication skills: verbal, written and interpersonal
- Effective time management skills and ability to multi-task
- Understanding of and ability to accurately manage records, including reconciling in billing systems
- Ability to professionally manage situations with clients; able to provide excellent customer service
- Ability to troubleshoot complex experimental procedures
- Flexible and adaptable in meeting the competing demands of users

If you have any questions, please contact

Aja Rieger, Ph.D.
Flow Cytometry Core Manager
University of Alberta
Faculty of Medicine and Dentistry
Phone: 780-492-6721
Email: aja@ualberta.ca
Website: flowcytometry.med.ualberta.ca