

POSITION DESCRIPTION

POSITION TITLE:	Proteomics Project Officer
CLASSIFICATION:	STO3
GROUP:	Cancer Precision Medicine
DEPARTMENT:	Genetics and Computational Biology
PROGRAM:	Proteomics
LOCATION:	Herston

POSITION OBJECTIVES

The primary objectives of this position are to:

- Provide high-level proteomics services to researchers in the cancer precision medicine group and across the Institute, and to external clients,
 - Work on design, development and delivery of proteomic research projects
 - Ensure effective maintenance and management of instrumentation
 - Strengthen QIMR Berghofer reputation for scientific excellence.
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ORGANISATIONAL CONTEXT

QIMR Berghofer is a statutory body under the QIMR Act (1945). The mission of QIMR Berghofer is to promote the wellbeing of humankind through medical research, to maintain within the State of Queensland an internationally recognised Centre for Medical Research, to develop that Centre as the primary focus of Medical Research within the State and to co-operate with, and where possible assist the work of other medical research establishments within the State and throughout the world.

REPORTING STRUCTURE

This position reports to the Group Leader in Cancer Precision Medicine.

PRIMARY RESPONSIBILITIES

- Provide exceptional proteomic services to researchers within QIMR Berghofer, including:

- Discuss with clients and staff in planning of experiments, proteomic methods, experimental design and collection or preparation of material
 - Undertake proteomics laboratory work to deliver high quality proteomics data
 - Calibration and maintenance of LC-MS instruments and co-ordination with vendors for troubleshooting, repairs and maintenance
 - Develop and implement protocols and methods for the delivery of researcher requirements
 - Discuss with researchers to solve technical problems and interpret results
 - Prepare detailed reports and assist in preparation of manuscripts and presentation of results for publication
- Ensure the appropriate management and maintenance of specialised equipment, including liaising with vendors, service personnel and the Institute's Equipment Manager
 - Assist in the training of staff and students to undertake proteomics research, including experimental design, sample preparation, instrument operation and maintenance
 - Develop novel methods depending on research needs
 - Utilise expertise and experience to continuously improve the service
 - Ensure work practices comply with the requirements of the *Work Health and Safety Act*, related legislative requirements and the Institute's WH&S policies and procedures

KEY SELECTION CRITERIA (Qualifications, Experience, Skills, and Abilities)

Essential

- PhD (or equivalent), with a focus on proteomics or substantial proteomic components
- Extensive experience and expertise in proteomics research or service delivery in a medical research or clinical environment; including troubleshooting, maintenance and management of mass spectrometers, liquid chromatography systems and other equipment commonly used in a proteomics laboratory
- Extensive experience in the development of innovative proteomic methodologies
- Excellent communication skills, including communicating proteomic concepts to medical personnel and researchers
- Ability to work in a team and to build relationships with internal and external researchers and manage stakeholder relationships
- High level organisational skills and ability to manage competing priorities within specified time frames with minimal supervision

Desirable

- Experience working with Thermo Orbitrap and AB Sciex instruments
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