

A more equitable world through better health.



POSITION DETAILS

TITLE	Laboratory Scientist (Proteomics and Microbiology)
CLASSIFICATION	RA2: \$87,513 (prorata) per annum + Super + Salary Packaging
CONTRACT TYPE	12- Month, Fixed Term
TIME FRACTION	0.8 FTE
LOCATION	85 Commercial Road, Melbourne 3004
REPORTS TO	Working Group Head
DIRECT REPORTS	Nil
LAST UPDATED	August 25

POSITION SNAPSHOT

The purpose of this position is to support the activities of a project focused on establishing a proteomics pipeline for biomarker discovery and characterising biological mechanisms. The appointee will work closely with a research officer, contribute to the development and optimisation of laboratory protocols, and process clinical samples for mass spectrometry analysis. This role will also involve general laboratory support, maintaining accurate records, assisting with reporting and documentation, and contributing to aspects of data analysis under supervision. Additionally, the appointee will be expected to assist with other microbiology assays being conducted by the group, including culturing of bacteria under anaerobic conditions and performing characterisation assays. This position offers an opportunity to be part of a key institutional priority of building proteomics capacity.

KEY RESPONSIBILITY AREAS

1. LABORATORY ASSAYS	<ul style="list-style-type: none">Assist with the development of optimal sample processing methods for (meta)proteomicsAssist with processing, storage and analysis of clinical samples from clinical studiesPrepare samples for analysis at service labs (e.g. Bio21, Monash)Assist with culturing of bacteria under anaerobic conditions and performing characterisation assays
2. LABORATORY MANAGEMENT	<ul style="list-style-type: none">Assist with development of SOPs and risk assessmentsSupport health and safety activitiesAssist with equipment maintenanceAssist with the day to day running of the laboratoryAssist with sourcing and ordering lab reagents, chemicals and equipment
3. PROJECT MANAGEMENT	<ul style="list-style-type: none">Assist with the development and delivery of progress reports, final reports, proposals, documentation and presentations
4. BIOINFORMATICS	<ul style="list-style-type: none">Assist in the development of optimal workflows for (meta)proteomics data analysis and integration with other omics, clinical and socio-behavioural data
5. RESEARCH OUTPUTS	<ul style="list-style-type: none">Assist with the preparation of presentations, manuscripts and other research outputs
6. TRAINING	<ul style="list-style-type: none">Responsible for completing all required training in line with the position / role.

KEY SELECTION CRITERIA

QUALIFICATIONS / EXPERIENCE / KNOWLEDGE / ATTRIBUTES		
1.	B.Sc. (Honours) in biochemistry, microbiology or a related discipline	Essential
2.	Minimum 1 year experience in (meta)proteomics analysis	Essential
3.	Experience in processing and analysis of clinical samples	Essential
4.	Bioinformatics skills for the analysis of (meta)proteomics data, including data processing and statistical analysis	Preferable
5.	A key attribute is analytical thinking/problem solving ability	Preferable
6.	Ability to plan, organize and manage time and research activities	Preferable
7.	Ability to adapt to changes in timelines and work plans	Preferable
8.	Effective written and verbal communication	Preferable
9.	Ability to work independently as well as within a team	Preferable
10.	Ability to work on multiple projects simultaneously	Preferable

About Burnet Institute

Vision

A more equitable world through better health.

Purpose

Create and translate knowledge into better health so no-one is left behind.

Values

Respect, Equality, Inclusiveness, Diversity.

Who we are

Burnet Institute is an Australian-based medical research and public health institute and international non-government organisation that is working towards a more equitable world through better health.

What we do

We are committed to creating and translating knowledge into better health so no-one is left behind. We do this through engaging with and understanding the needs of a broad range of communities and stakeholders to develop laboratory-based and social research programs, policies and products that deliver better health outcomes.

Where we work



Priority countries:

Australia | Papua New Guinea | Myanmar

We also support and contribute to research and public health programs in other Asian, Pacific and African countries.

Australian Institute for Infectious Disease (AIID)

Bringing together Burnet Institute, The University of Melbourne, and the Doherty Institute with funding from the Victorian Government, the AIID is a visionary initiative designed to protect Australia and the region against infectious disease and future pandemics. Establishment of a new state-of-the-art facility which will be the new home of Burnet is expected to be operational by 2027.



OCCUPATIONAL HEALTH AND SAFETY

The Burnet has a commitment to providing a safe and healthy workplace in accordance with the Occupational Health and Safety Act 2004. All staff are obliged to take all reasonable care to ensure that their actions do not place themselves or others at risk.

OTHER REQUIREMENTS

Burnet Institute is a child safe organisation. The incumbent of this position will be required to undergo a Police Check and possibly a Working with Children Check as a condition of employment. The types of contact with children can be viewed [here](#). This position involves the following contact with children (any individual aged under 18 years):

CONTACT TYPE	Indirect Contact With Children
LOCATION OF CONTACT	

ENQUIRIES

For enquiries, please contact careers@burnet.edu.au