

POSITION DESCRIPTION:

SECTION A: Position Context

Position Title	Postdoctoral Research Officer
Classification	Range RO1 – SRO1
Discipline	Life Sciences
Location	85 Commercial Road, Melbourne
Effective Date	May 2017

Burnet Overview

Burnet Institute is a leading Australian medical research and public health organisation focused on achieving better health for vulnerable communities in Australia and internationally by accelerating the translation of research, discovery and evidence into sustainable health solutions. The Institute is headquartered in Melbourne with programs that operate across Asia, the Pacific and in Africa.

Burnet's culture links innovative discovery-oriented research and implementation research with development and humanitarian action. World-class laboratory and field-based research is integrated into multidisciplinary programs aimed at the prevention, detection and treatment of diseases of global significance. This unique approach allows the Institute to make a tangible and sustainable impact on health in both developed and developing countries.

The Institute has three major thematic programs – Disease Elimination, Behaviours and Health Risk, and Maternal and Child Health, and two expansion programs – Healthy Ageing and Health Security. Staff within these Programs are supported by cross-cutting communities of practice; the disciplines of Life Sciences, Public Health and International Development.

Position Purpose:

Postdoctoral Research Officer (Retroviral Biology and Antivirals lab, Head: Gilda Tachedjian)

An exciting opportunity is available for a postdoctoral researcher in the Tachedjian Lab/Life Sciences Discipline to work on a multidisciplinary and multinational study to discover new drug classes for HIV treatment and prevention. This role requires expertise in biochemistry, protein work, biophysical techniques, enzyme assays, drug resistance and HIV virology to progress small fragment (chemical) hits into lead compounds as part of a drug discovery team including chemists and structural biologists. Small molecules that bind to novel sites on the target will be studied to advance fundamental knowledge of target structure and function underpinning the drug discovery activities. Opportunities exist for the applicant to participate in lab-based studies relevant to HIV transmission in women as well as cross-disciplinary projects in the HIV Disease Elimination Program with researchers in the Public health and International development disciplines at the Burnet Institute.

The position is supported by a NHMRC funded grant awarded in 2017 (ending Dec 2019).

Supervision Reporting Relationships:

This positions' supervisor/manager	Lab Head (Gilda Tachedjian)
Other positions reporting to <u>this</u> position	Research Assistant; Students

SECTION B: Key Responsibility Areas

The key responsibility areas (KRAs) are the major outputs for which the position is responsible and are not a comprehensive statement of the position activities.

Key Responsibility Areas		
1.	Research	Driving lab research, publishing papers and presenting work at conferences and meetings.
2.	Translation	Progressing research projects towards translation (IP patent protection/industry engagement).
3.	Supervision	Mentoring and supervision of junior staff and students in lab work as well as written and oral presentations.
4.	Assisting with and applying for funding	Assisting with large funding applications and independently applying for funding on smaller projects.
5.	Project Management	Assist in managing drug discovery project including coordinating and tracking activities of various groups on the project and organising regular meetings.

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.

SECTION C: Key Selection Criteria

Qualifications		Essential/ Preferable
	Undergraduate Science Degree (e.g. BSc (Hons))	Essential
	PhD (Biochemistry)	Essential

Experience / Knowledge / Attributes		
1.	Expertise in biochemistry techniques, protein expression and purification, biophysical methods, structural biology, enzyme assays	Essential
2.	Demonstrated success in publishing in internationally recognised journals	Essential
3.	Presentation of work at conferences and in seminars	Essential
4.	Can work independently as well as able to work collaboratively in a team environment	Essential
5.	Highly organised	Essential
6.	Expertise in virology/HIV	Preferable
7.	Experience with supervision of students and/or staff	Preferable
8.	Experience in project management	Preferable
9.	Experience in drug discovery	Preferable

Other Requirements

The Burnet Institute is a child safe organisation. The incumbent of this position may be required to undergo a Police Check or Working with Children Check as a condition of their employment.

Further Information:

For further information, please contact Gilda Tachedjian.