

# A more equitable world through better health.



## POSITION DETAILS

|                |   |
|----------------|---|
| TITLE          | Research Officer                          |
| CLASSIFICATION | RO3: \$106,994 + super + salary packaging |
| LOCATION       | 85 Commercial Road, Melbourne 3004        |
| REPORTS TO     | Senior Research Fellow                    |
| DIRECT REPORTS | Nil                                       |
| LAST UPDATED   | November 23                               |

## POSITION SNAPSHOT

The Research Officer provides a variety of high-quality research services to contribute to the priorities of the Burnet Institute. The Research Officer is based within the Arbovirus Research Group and conducts research projects including development and analyses of *Wolbachia*-based biocontrol methods. The incumbent will undertake experiments (both individually and as part of a team), analyse data, and report findings to other researchers both at the institute and at external conferences where appropriate.

## KEY RESPONSIBILITY AREAS

1. Support the achievement of research outcomes by developing and undertaking a range of research and support tasks including administering experiments, data collection, input and analysis, in pursuit of defined projects and objectives.
2. Keep abreast of developments, activities and protocols in areas of expertise through liaison with staff and peers, reading relevant literature and attending meetings and seminars.
3. Prepare reports and other documentation, including undertaking literature reviews and data analysis.
4. Comply with established research methodology, policy, protocols, OHS and regulatory requirements.
5. Participate in and implement continuous improvement activities relating to project, research or technical procedures and quality assurance standards.
6. Maintain open and effective channels of communication with colleagues, research collaborators and other stakeholders to support and facilitate research objectives.
7. Provide advice and mentoring to junior staff and students in the relevant field of research or technical expertise.
8. Demonstrate, and promote, the values of the Institute.
9. Responsible for completing all required training in line with the position / role.

## KEY SELECTION CRITERIA

| QUALIFICATIONS / EXPERIENCE / KNOWLEDGE / ATTRIBUTES |  |
|--|--|
| 1.   | A PhD in Microbiology or Immunology  |
| 2.   | Demonstrated expertise in establishing and maintaining insect cell lines stably infected with the bacterium <i>Wolbachia</i> |
| 3.   | Experience with characterizing bacterial effector proteins   |
| 4.   | Experience with growing and titrating flaviviruses   |

|     |  |
|-----|--|
| 5.  | Experience with rearing mosquitoes and performing mosquito-virus infections  |
| 6.  | Expertise with general molecular biology techniques, especially RNA extractions, qPCR/RT-qPCR, confocal microscopy   |
| 7.  | A high level of computer literacy, including sound analytical, technical and data analysis skills  |
| 8.  | Experience in preparing and publishing high quality, peer reviewed manuscripts   |
| 9.  | Well-developed verbal and written communication skills, including experience presenting research at international conferences, and preparation of formal written documents such as risk assessments and SOPs |
| 10. | Ability to work as an effective member of a team as well as independently under general supervision  |

# 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. As part of this exciting collaboration, a newly established state-of-the-art facility will be the new home of Burnet.



## 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

The 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. This position involves the following contact with children (any individual aged under 18 years):

|              |                          |
|--------------|--------------------------|
| CONTACT TYPE | No Contact With Children |
|--------------|--------------------------|

## ENQUIRIES

For enquiries, please contact Dr. Johanna Fraser [johanna.fraser@monash.edu](mailto:johanna.fraser@monash.edu)