

# A more equitable world through better health.



## POSITION DETAILS

TITLE	Research Officer – Cellular responses to disease and vaccination
CLASSIFICATION	RO1 – RO3: \$104,663 - \$112,344 + super + salary packaging
TIME FRACTION	1 FTE
CONTRACT TYPE	Fixed Term
LOCATION	85 Commercial Road, Melbourne 3004, Boonwurrung Land
REPORTS TO	Working Group Head of Cellular Responses to disease and vaccination working group
DIRECT REPORTS	Nil
LAST UPDATED	October 24

## POSITION SNAPSHOT

To undertake research on the germinal centre response to malaria to inform vaccine development, according to agreed work plans. This includes laboratory research, data analysis, project management tasks, contributing to writing reports and publications, communicating findings with the study team, and presenting research findings in relevant workshops and meetings. Some travel to international sites will be required. Methods and approaches that may be used include standard and specialised immunological assays, cell culture, flow cytometry, transcriptomics, multi-parameter imaging and analysis, and data analysis.

## KEY RESPONSIBILITY AREAS

1. Laboratory Research	<ul style="list-style-type: none"> <li>Conduct research according to an agreed research plan</li> <li>Undertake laboratory research including immunoassays to analyse germinal centre responses in malaria infected and non-infected individuals (including standard immunoassays, multiparametric investigation of cellular phenotype and function, transcriptomics and spatial analysis)</li> <li>Undertake laboratory research to optimise and apply germinal centre organoid platforms to investigate responses to malaria parasites (including standard immunoassays, parasite culture, antibody assessment)</li> <li>Some travel to external sites for laboratory research will be necessary</li> </ul>
2. Data storage and analysis, project management	<ul style="list-style-type: none"> <li>Securely store and compile research data and undertake analysis according to agreed plans</li> <li>Multiparametric analysis of large immunology data sets</li> <li>Record research outcomes and comply with research integrity guidelines</li> <li>Project coordination and management</li> </ul>
3. Communication including writing research papers	<ul style="list-style-type: none"> <li>Publications and reports of project progress as required</li> <li>Prepare reports on progress towards project milestones</li> <li>Scientific presentations internally and externally</li> <li>Effective communication with other staff and students in the research group and within Burnet</li> <li>Communication and coordination with external collaborators</li> </ul>
4. People Responsibility	<ul style="list-style-type: none"> <li>Supervision and training of junior staff (research assistant and students) in specific projects and activities</li> </ul>
5. Meeting attendance	Attend all required meetings, Burnet malaria program meetings, and Cellular responses to disease and Vaccination Working Group (Boyle Lab) meetings.
6. Out of hours contact	Monitor, read, or respond to contact outside of work hours which relates to performance of work where reasonable.
7. Training	Responsible for completing all required training in line with the position / role.

## KEY SELECTION CRITERIA

QUALIFICATIONS / EXPERIENCE / KNOWLEDGE / ATTRIBUTES		
1.	A bachelor qualification in a relevant field (in biological or health sciences) and PhD in a relevant field	Essential
2.	Experience in laboratory-based biomedical research	Essential
3.	Experience in partnership and project development with national and international collaborators	Essential
4.	Competent in immunology data analysis	Essential
5.	Experience in the field of malaria or other infectious diseases, and/or multiparametric data analysis Experience with multiparametric flowcytometry, transcriptomics, malaria culture and/or antibody analysis	Essential

# 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)

Burnet Institute is a foundation partner of the AIID, a visionary initiative designed to protect Australia and the wider Asia-Pacific region against major global health issues and pandemics. The state-of-the-art facility is expected to be open in 2028 and will be home to Burnet Institute, Doherty Institute and The University of Melbourne, with funding from the Victorian Government. In joining this exciting initiative, Burnet will remain an independent medical research institute.



## BURNET 2030 STRATEGY

The Burnet 2030 Strategy focuses on growing our impact, placing equity at the centre of what we do, and paying close attention to the effects of a rapidly changing climate and environment. Our point of difference is our technical breadth—from laboratory-based discoveries to field research, to commercialisation to development programs; all to progress toward a more equitable world. This is what sets us apart. Our Strategy will also see us invest in our people, building our position as the aspirational workplace within the sector with ethical values and a culture committed to fostering talent for future leadership and rewarding careers.

## 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
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No Contact With Children
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## ENQUIRIES

For enquiries, please contact [careers@burnet.edu.au](mailto:careers@burnet.edu.au)