

Position Title	Research Assistant
Group/Portfolio	Division of the Deputy Vice Chancellor (Research) / Laboratory of Vaccines for the Developing World, Institute for Biomedicine and Glycomics
Classification	Research Assistant, Grade 2 (RA2)
Position Number	00061499
Reports To	Associate Professor Manisha Pandey
Employment Type	Fixed term

1.0 Position Purpose

The goal of the Laboratory of Vaccines for the Developing World is to provide proof-of-concept for the development of vaccines for Group A Streptococcus (GAS) and SARS-CoV-2 (COVID-19) based on minimal epitopes.

The Research Assistant will support research activities within immunology and infectious diseases, inclusive of animal experiments, culturing and storage of bacterial isolates, immunological assays (ELISA and flow cytometry), molecular biology (PCR and sequencing), protein chemistry (recombinant protein expression and peptide-protein conjugation) and cell culture (opsonophagocytic killing assays).

2.0 Eligibility Requirements

- The occupant of this position will have a Bachelor's degree with Honours and/or Master's degree in biology, biomedical sciences, medical sciences, or equivalent field, or an equivalent combination of qualifications or demonstrated practical experience in microbiology, immunology and molecular biology.

3.0 Key Responsibilities

- Conduct laboratory work and experimental research, particularly for the development of vaccines for group A streptococcus (GAS) and SARS-CoV-2 (COVID-19).
- Assist with research activities, including data collection, storage, and preliminary analysis, while ensuring adherence to research protocols.
- Contribute to drafting reports and scholarly articles, maintaining accuracy and scientific integrity in documentation and publication processes.
- Qualify and conduct immunological (in-vitro and in-vivo) and protein chemistry-based techniques used in the identification and development of vaccines.
- Coordinate meetings between researchers and external collaborators as needed, ensuring effective communication and scheduling.

- Ensure compliance with relevant legislation, university policies, and procedures, including research ethics, equity, health and safety, and laboratory standards, while promoting best practices in all research activities.
- Be a leading example the principles and values outlined in the University's Code of Conduct, demonstrating fairness, ethics, and professionalism in all interactions and communications.

4.0 Key Capabilities

- Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our graduates' success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

To read about some of the non-technical organisation skills for this position, please see the Leads Self section of our Capability Development Framework.