Griffith UNIVERSITY
Queensland, Australia

Position Description

Position Title	Blood Compatibility Scientist (Research Assistant)
Group/Portfolio	Health, School of Health Sciences and Social Work
Classification	Research Assistant, Grade 2 (RA2)
Position Number	00062964
Reports To	Associate Professor (Level D)
Employment Type	Fixed Term

1.0 Position Purpose

The Artificial Heart Frontiers Program (AHFP), a multi-institution partnership between academia and industry, has secured investment from the Medical Research Future Fund to develop artificial hearts and related technologies. We have teamed with leading academic, healthcare and industry partners to launch a new program to develop the world's most advanced artificial heart, and the next generation of cardiovascular technology to support all patients with heart failure. Griffith University's involvement is to lead Haemocompatibility for all devices developed within the AHFP. The AHFP plans to scale up research and commercialisation programs to help shape the future of heart failure treatments using our revolutionary pipeline technologies.

The Blood Compatibility Scientist is a key position for the AHFP and will work within the Biorheology Research Laboratory at the Gold Coast campus of Griffith University. This is a hands-on position and the successful candidate will contribute to blood analysis of novel medical devices in the preclinical test period that is required for regulatory approval.

2.0 Eligibility Requirements

- The occupant of this position will hold a Bachelors Degree with Honours (Grade 2); or an equivalent combination of qualifications and/or experience.
- The occupant will have demonstratable experience conducting blood analysis with human and/or animal specimens.

Desirable:

- Demonstrable experience of implementing and/or working within a regulated environment such as GLP.
- Solid knowledge of regulations and industry standards for blood testing including but not limited to ISO 15189.

3.0 Key Responsibilities

- Contribute to the laboratory compliance requirements, including but not limited to, routine device calibration, quality control, and use of standards.
- Conduct laboratory and experimental research, particularly for evaluating haemocompatibility of novel medical devices.

- The ability to contribute to assay optimisation and troubleshooting of test protocols, and (Grade 2) the ability to develop or adapt new assays into reliable standard operating procedures.
- Assist with research duties such as data collection, storage and preliminary analysis of data, drafting reports and scholarly articles in accordance with research protocols and regulatory requirements.
- Undertake literature searches, conduct simple interviews and routine scientific testing. Research Assistants (Grade 2) may also assist in designing the data collection, scientific tests or interview regimes.
- Coordinate meetings between researchers and participating external participants as required.
- Support compliance with relevant legislation and University policies and procedures, including research ethics, equity and health & safety, laboratory standards and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

- The ability to work in a research environment as part of an inter-disciplinary team.
- Understanding of the requirements of working in a regulated environment and an open approach to GLP regulations practices and methodologies.
- Enthusiastic and proactive about medical devices and making a measurable difference to the future of heart failure treatment.
- 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.