POSITION DESCRIPTION

Position Title: Research Assistant
Organisation Unit: UQ Diamantina Institute
Position Number: NEW
Type of Employment: Part Time (0.4FTE), Fixed Term for 9 months
Classification: HGW Level 4

THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) contributes positively to society by engaging in the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni. For more than a century, we have educated and worked with outstanding people to deliver knowledge leadership for a better world.

UQ ranks in the world's top universities, as measured by several key independent ranking, including the Performance Ranking of Scientific Papers for World Universities (45), the US News Best Global Universities Rankings (52), QS World University Rankings (51), Academic Ranking of World Universities (55), and the Times Higher Education World University Rankings (60). UQ again topped the nation in the prestigious Nature Index; and secured a greater share of Australian Research Council grants in 2016 ($24.5 million) than any other university nationally.

UQ has an outstanding reputation for the quality of its teachers, its educational programs and employment outcomes for its students. Our students remain at the heart of what we do. The UQ experience –the UQ Advantage – is distinguished by a research enriched curriculum, international collaborations, industry engagement and opportunities that nurture and develop future leaders. UQ has a strong focus on teaching excellence, winning more national teaching excellence awards than any other in the country and attracting the majority of Queensland's highest academic achievers, as well as top interstate and overseas students.

UQ is one of Australia’s Group of Eight, a charter member of edX and a founding member of Universitas 21, an international consortium of leading research-intensive universities.

Our 50,000-plus strong student community includes more than 13,000 postgraduate scholars and more than 12,000 international students from 144 countries, adding to its proud 230,000-plus alumni. The University has about 7,000 academic and professional staff and a $1.7 billion annual operating budget. Its major campuses are at St Lucia, Gatton and Herston, in addition to teaching and research sites around Queensland and Brisbane city. The University has six Faculties and four University-level Institutes. The Institutes, funded by government and industry grants, philanthropy and commercialisation activities, have built scale and focus in research areas in neuroscience, biomolecular and biomedical sciences, sustainable minerals, bioengineering and nanotechnology, as well as social science research.
UQ has an outstanding track-record in commercialisation of our innovation with major technologies employed across the globe and integral to gross product sales of $11billion+ (see http://uniquest.com.au/our-track-record).

UQ has a rapidly growing record of attracting philanthropic support for its activities and will have further success in this area as an important strategic aim going forward.

The University of Queensland Diamantina Institute

The University of Queensland Diamantina Institute was established in 2007 as the sixth research institute of The University of Queensland. The aim of the Institute is to develop a better understanding of the molecular and cellular basis of disease, and to translate that understanding into practical outcomes for patients. Based at the Translational Research Institute (TRI) at the Princess Alexandra Hospital teaching campus in Brisbane, the Institute has more than 300 researchers and students who work closely with clinicians in the areas of cancer, immunology and genomic medicine.

UQDI is the largest partner in TRI, and is building major programs in Immunology, Cancer and Genomic Medicine research, with a particular focus on research aimed at development of new treatments. TRI is an Australian first and will see Australia play a leading role in international efforts to address a wide range of health issues. UQDI itself is an extremely well-equipped translational biomedical research institute, with outstanding facilities for research in animal models of disease including cutting-edge imaging technologies, human cell and molecular biology research in cancer and immunology, microbiology, and genomics research. Its close affiliation with clinical units at Princess Alexandra Hospital provides it with a significant strategic advantage in near-patient, translational research. UQDI is part of The University of Queensland, one of the top Australasian universities, and internationally is ranked in the top 100 universities in all major independent rankings. UQDI academics are part of a vibrant and highly successful academic institution optimising their chances of research success. Details of the research interests of academic staff may be accessed on the Institute’s web site at http://www.di.uq.edu.au/research.

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at - http://www.uq.edu.au/current-staff/working-at-uq

DUTY STATEMENT

Primary Purpose of Position

The primary purpose of this position is to provide cell culture, molecular/cell biology, animal and administrative support for the research staff in Therapeutics Research Centre within the UQDI.

Duties

Duties and responsibilities include, but are not limited to:

**Laboratory**
- Transfection of stem cells and cancer cells
- PCR and Western blotting
- ELISA to determine chemokine and cytokine levels
Microscopy imaging (e.g. Confocal microscopy)
Flow cytometry
Drug intervention of laboratory mice and tail vein injection
Bioanalysis with HPLC

Administration
- General laboratory support, maintain consumables and laboratory inventories
- Assisting research staff and students complete Risk Assessments, human and animal ethics
- Any other duties as reasonably directed by your supervisor

Other
Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including but not exclusive to:
- the University’s Code of Conduct
- requirements of the Queensland occupational health and safety (OH&S) legislation and related OH&S responsibilities and procedures developed by the University or Institute/School
- the adoption sustainable practices in all work activities and compliance with associated legislation and related University sustainability responsibilities and procedures
- requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related responsibilities and procedures developed by the University

Organisational Relationships
The position reports to the Director, UQ Diamantina Institute.
SELECTION CRITERIA

Essential

- Qualifications and training equivalent to an undergraduate degree in a relevant area; or an equivalent combination of relevant experience and/or education/training.
- Experience in cell biology/cancer biology
- Experience in microscopy imaging

Desirable

- Experience with molecular and cell biology techniques: e.g. PCR, Western Blotting
- Experience with animal studies especially tail vein injection
- Experience with HPLC

The University of Queensland values diversity and inclusion.

Applications are particularly encouraged from Aboriginal and Torres Strait Islander peoples. For further information please contact our Australian Indigenous Employment Coordinator at: atsi_recruitment@uq.edu.au

Applications are also encouraged from women.

This role is a full-time position; however flexible working arrangements may be negotiated.