



POSITION DESCRIPTION

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| Position Title: | Research Technician |
| Organisation Unit: | UQ Diamantina Institute |
| Position Number: | 3036123 |
| Type of Employment: | Full Time, Fixed Term (14/11/2016 until 30/06/2017) |
| Classification: | Hew Level 4 |

THE UNIVERSITY OF QUEENSLAND

The Federal Government's 2012 Excellence in Research for Australia (ERA) exercise confirmed The University of Queensland as one of the nation's top three universities, measured by the quality of its comprehensive range of specialised research fields. ERA reported that research at UQ is well above world standard in more specialised fields than at any other Australian university: this reflects UQ's leading global role in many areas of discovery. UQ's outstanding critical mass offers researchers significant interdisciplinary capability.

UQ integrates its research strengths with excellent teaching and learning and has won more national teaching awards than any other Australian university. International university rankings highlight UQ's excellence: Academic Ranking of World Universities (Shanghai Jiao Tong), Times Higher Education, QS and National Taiwan University Ranking all rank UQ in the top 100. UQ is one of Australia's Group of Eight, and a founding member of Universitas 21, an international consortium of leading research-intensive universities.

UQ's 45,500-strong student community includes more than 10,000 postgraduate scholars and more than 11,000 international students from 162 countries. The University has more than 7,000 academic and professional staff and a \$1.6 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 eight institutes. The institutes — funded by government and industry grants, philanthropy and commercialisation activities — have built scale and focus in research areas that UQ regards as strategically important.

The University of Queensland positively influences society by engaging in the pursuit of excellence through the creation, preservation, transfer and application of knowledge. The University's successes are underpinned by our values. For more information on UQ's mission, vision and values please go to <http://www.uq.edu.au/about/mission-statement>.

Faculty of Medicine and Biomedical Sciences

The Faculty of Medicine is an internationally recognised provider of world-class education and research. A research-intensive Faculty, we have a gross budget in excess of \$300M, employ approximately 1,500 continuing and fixed-term staff (headcount), have a community of more than 4,000 non-salaried academic appointees and teach around 4,000 full-time equivalent coursework students (EFTSL).

We offer Australia's largest medical degree program for graduates and school-leavers and undergraduate and postgraduate programs are available in the disciplines of Medicine, Biomedical Sciences, Public Health, Health Sciences, eHealth, and Mental Health.

The Faculty of Medicine possesses enormous strengths spanning research, teaching, industry engagement and clinical practice in disciplines ranging from the basic sciences, biomedical research and development, to clinical trials and public health. Research projects have already led to discoveries with far-reaching social and economic impacts, including the revolutionary Gardasil (TM) vaccine for cervical cancer (Professor Ian Frazer) and a drug discovery EMA401 (Professor Maree Smith), a first-in-class oral treatment for chronic pain, which through Spinafex Pharmaceuticals led to Australia's largest biotechnology commercialisation deal. Faculty staff include three highly cited authors, one Fellow of the Royal Society (FRS), three Fellows of the Australian Academy of Science (FAA) and 12 Fellows of the Academy of Health and Medical Sciences (AAHMS). The Faculty is a core member of Brisbane Diamantina Health Partners, the Brisbane wide academic health science system.

Educational offerings in biomedical sciences, medicine and public health are informed and supported by research activity across a range of fundamental and clinical areas of importance including recognised strengths in cancer, skin diseases, brain and mental health, maternal and child health and genomics. Cutting-edge facilities such as the Herston Imaging Research Facility (HIRF), the UQ Centre for Clinical Research (UQCCR), our laboratories in the Translational Research Institute (TRI) and the new Centre for Children's Health Research (CCHR) enable outstanding research outcomes and sharpen our understanding of cancer, autoimmunity, mental disorders, infectious diseases and neurological disease. Further detail is available at www.mbs.uq.edu.au.

We discover. We innovate. We lead.

UQ 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 over 270 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, and genomics research, housing the largest sequencing/genotyping facility in Australasia. 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 thus 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

To undertake research as directed, on the regulation of miRNA secretion via extracellular vesicles.

Duties

Duties and responsibilities include, but are not limited to:

Research

- Conduct research and publish scholarly papers.
- Acquire and maintain familiarity with relevant scientific literature and contribute a strong academic approach to the work.
- Assist in technical training of new students.
- Assist in maintenance of laboratory organisation and management.
- Contribute to a safe laboratory working environment.

Other

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

- 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 of 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 Dr Michelle Hill, ARC Future Fellow.

SELECTION CRITERIA

Essential

- BSc in the area of molecular cell biology.
- Demonstrated knowledge in the area of miRNA and extracellular vesicle biology.

- Demonstrated skills and prior research experience in miRNA biology and computational analysis.
- Ability to work collaboratively with colleagues.
- Ability to work relatively independently with excellent organisational skills.

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.