

POSITION DESCRIPTION

Position Title:	Research Officer
Organisation Unit:	Institutes for Molecular Bioscience
Position Number:	New
Type of Employment:	Full -time, Fixed-Term (2 years)
Classification:	Academic Level A

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 (43), the US News Best Global Universities Rankings (45), QS World University Rankings (48), Academic Ranking of World Universities (55), and the Times Higher Education World University Rankings (69). UQ again topped the nation in the prestigious Nature Index, and our Academic Ranking of World Universities result in the field of Life and Agricultural Sciences is the highest in Australia at 20.

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 240,000-plus alumni. The University has about 7,000 academic and professional staff and a \$1.8 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 this will be a strategic focus going forward.

Organisational Environment

Institute for Molecular Bioscience

The University of Queensland's Institute for Molecular Bioscience (IMB) is a leading global life sciences research institute committed to improving quality of life through research. IMB was established in 2000 as UQ's first research institute and is the cornerstone of one of the largest bioscience research precincts in Australia.

The Institute is home to more than 450 researchers, postgraduate students and support staff from more than 40 countries who work in partnership with their academic, industry and clinical colleagues around the world to advance knowledge in areas including pain, rare diseases, inflammation, superbug infection, cardiovascular disease, environmental research, drug discovery and development, cancer, diabetes and obesity, and reproductive health. Our mission is to drive the bioeconomy and create better health; our vision is to be a life sciences institute with global impact.

Details of the research interests of the Institute may be accessed on the Institute's website at: <https://imb.uq.edu.au/>

The Institute recognises and values equity and diversity, and encourages applications from any individual who meets the requirements of this position irrespective of gender, sexuality, race, ethnicity, religion, disability, age or other protected attributes.

IMB strives to provide an inclusive working environment, and along with the University is committed to supporting staff with family and caring responsibilities by providing policies, programs and initiatives to help balance work and family responsibilities.

Specific initiatives at IMB can be found at (<https://imb.uq.edu.au/about/equity-and-diversity-imb>)

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>

The University of Queensland [Enterprise Agreement](#) outlines the position classification standards for Levels A to E.

DUTY STATEMENT

Primary Purpose of Position

A postdoctoral research officer is required to join a team working under Prof. Ian Henderson. The team focuses on studying the genes and pathways involved in the biogenesis of the Gram-negative cell envelope. The project will investigate protein translocation via a novel Gram-negative lipoprotein secretion system and its contribution to infection.

Duties

Duties and responsibilities include, but are not limited to:

Research

- Engage in independent and/or team research program including external funding, and achieve national recognition in the research area,
- Conduct research and publish scholarly papers in high quality outlets,
- Contribute to an ongoing program of discovery, applied and contract research in the area of Bacteriology.
- Develop relationships with industry to form research partnerships,

Teaching and Learning

- As a 'Research focussed' position there is no formal requirement for undergraduate teaching. However it is encouraged that you actively seek teaching opportunities.
- Participate in events to attract postgraduate students to the Institute,
- Contribute to supervision of honours and postgraduate students,

Industry Liaison

- Represent the University in industry or funding body forums,
- Develop and deliver original presentations to Industry,
- Write reports for Industry and advise on significant Industry issues,
- Produce and deliver educational material for Industry,
- Develop and maintain a relevant industry network.

Service and Engagement

- Perform a range of administrative functions in the Institute,
- Contribute to the processes that enable the academic team to manage the work of the Institute, including participation in Institute and Centre for Superbug solutions decision-making and serving on Institute committees.
- Foster the Institute's relations with industry, government departments, professional bodies and the wider community,
- Any other duties as reasonably directed by your supervisor
- Please refer to the [Criteria for Academic Performance](#)

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 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 Prof. Ian Henderson, or his delegate.

SELECTION CRITERIA

Essential

- PhD in the area of microbiology.
- Ability to achieve and maintain international benchmark standards of excellence in research.
- Demonstrable enthusiasm for research in the area of bacteriology
- Ability to work independently but in the context of a communal laboratory.
- Excellent written and verbal communication skills.
- Strong commitment to publication productivity as a means to successful career progression.
- Sound organizational and problem-solving skills.
- Experience in the following:
 - NMR
 - molecular biology (PCR, cloning, sub-cloning) gene and protein expression studies
 - protein biochemistry including fractionation of cellular components
 - imaging microbes
 - bioinformatics
 - work with bacterial pathogens

Qualification Verification

An appointment to this position is subject to the verification of the highest academic qualification from the conferring institution.

The University of Queensland values diversity and inclusion and actively encourages applications from those who bring diversity to the University. Please refer to the University's Diversity and Inclusion webpage (<http://www.uq.edu.au/equity>) for further information and points of contact if you require additional support.

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

Accessibility requirements and/or adjustments can be directed to IMB HR via hr.imb@imb.uq.edu.au.