

POSITION DESCRIPTION

Position Title:	Facility Manager – StemCore
Organisation Unit:	Australian Institute for Bioengineering and Nanotechnology
Position Number:	NEW
Type of Employment:	Full time, Fixed-term
Classification:	Research Academic Level B

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://uniquet.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

The University of Queensland's Australian Institute for Bioengineering and Nanotechnology (AIBN) is a dynamic multi-disciplinary research institute dedicated to developing technology to alleviate societal problems in the areas of health, energy, manufacturing and environmental sustainability. AIBN brings together the skills of more than 450 world-class researchers complimented by an extensive suite of integrated facilities, working at the intersection of biology, chemistry, engineering and computer modelling. With a reputation for delivering translational science, AIBN conducts research at the forefront of emerging technologies, and has developed strong collaborations with leading members of industry, academia and government. AIBN goes beyond basic research to develop the growth of innovative industries for the benefit of the Queensland and Australian economies.

Our people are our greatest asset. We offer collaborative, inclusive work and study places, which are enriched by the significant diversity of our staff, students and community. We genuinely believe that creativity and innovation flourishes in an environment where people feel supported, valued and empowered. Mutual respect, inclusivity and accountability are at the cornerstone of UQ's culture.

AIBN is committed to supporting the career growth of women researchers and have a number of initiatives to support women in developing and achieving a fulfilling research career at the institute. For more information, please visit our AIBN Women in Science web site at <http://www.aibn.uq.edu.au/women>.

StemCore is a national state-of-the-art Pluripotent Stem Cell Core Facility within AIBN that enables and accelerates stem cell research for academics and industries working in the area of regenerative medicine throughout Australia. StemCore offers a range of products and services, including provision of proprietary human embryonic and induced pluripotent stem cells (iPSCs), cell characterisation, and comprehensive training programs. In collaboration with academic and industry partners, StemCore can custom generate iPSC cell lines, carry out genome editing on the lines, and differentiate these lines into various lineages which can be used to study disease development and for drug and toxicity screening.

StemCore is managed by Stem Cells Limited, a non-profit biotech company established by The University of Queensland and Monash University.

StemCore is a national research infrastructure facility in receipt of federal funding from the National Collaborative Infrastructure Scheme (NCRIS), and from the Queensland State Government and the University of Queensland.

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

To provide strategic, operational and scientific management of the StemCore facility, including responsibility for personnel and finance management, business development and scientific outcomes.

Duties

Duties and responsibilities include, but are not limited to:

- Provide strategic and operational management of StemCore
- Provide scientific leadership to StemCore acting as the Chief Investigator for ethics and other approvals required for the facility
- Liaise with the Scientific Advisory Committee and the Board of Stem Cells Ltd in developing the scientific offerings and training programs of StemCore as they evolve in this rapidly developing field
- Line management of facility personnel
- Financial management of StemCore including responsibility for client interactions, contract negotiations and execution, and overall project management and budget reconciliations for work carried out in the facility
- Responsible for the promotion of StemCore activities in the appropriate national and international arenas
- Prepare reports required by Stem Cells Ltd, Bioplatfroms Australia Ltd, and AIBN/UQ.

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 the Director, AIBN.

SELECTION CRITERIA

Essential

- PhD or equivalent related experience in a field of stem cell biology.
- Substantial biological research experience, including demonstrated ability to culture and differentiate pluripotent stem cells.
- Experience in research contract management and reporting as well as evidence of a contribution to research and research management
- Exceptional leadership skills, with a demonstrated ability to supervise, lead and motivate technical and operation staff working in a team environment.
- Ability to develop and sustain strategic relationships, to work collaboratively and undertake effective negotiations with client groups and stakeholders from both the public and private sectors.

Desirable

- Experience in providing core PSC services.
- Experience with genome editing techniques, including CRISPR Cas 9 and similar approaches, or experience in developing organoid cultures based on stem cells.

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 recruitment@uq.edu.au