POSITION DESCRIPTION

Position Title: Senior Scientist
Organisation Unit: TetraQ Research Infrastructure Centre (TetraQ RIC)
Position Number: 3039688
Type of Employment: Full time, fixed-term for 12 months with a possibility of extension
Classification: HEW Level 7

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 well within the top 100 universities worldwide, measured through a number of major independent university rankings: the Academic Ranking of World Universities, Times Higher Education World University Rankings, US News Best Global Universities Rankings, QS World University Rankings and Performance Ranking of Scientific Papers for World Universities, and is indeed in the top 50 in some of these rankings. Over the past 3 years for which audited data are available UQ has attracted the highest (2013) or second highest (2012, 2014) amount of research funding of any Australian university.

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.

Organisational Environment

Operating within the Office of the Deputy Vice Chancellor Research (ODVCR), the TetraQ Research Infrastructure Centre’s (RIC) mission is to provide best practice Preclinical and Clinical testing services for University of Queensland researchers and fee-for-service external clients. The RIC core services and expertise comprises a drug development ‘toolkit’ which includes the capacity to conduct pharmacology, pharmacokinetics, toxicology and bioanalytical studies.

The RIC has world class state-of-the-art physical infrastructure encompassing purpose-renovated space and leading-edge equipment for use in development of bioanalytical methods for quantitation of small molecule and biopharmaceutical drug candidates within its bioanalytical facility located on UQ’s Herston campus. The RIC also conducts pharmacokinetics and toxicology studies in collaboration with the Centre for Integrated Preclinical Drug Development on the University’s St Lucia campus.

All studies are performed within quality assured laboratories. The TetraQ RIC quality system is recognised for the conduct of studies to OECD Good Laboratory Practice by NATA (National Association of Testing Authorities). This recognition means that data generated by the TetraQ RIC is conducted to industry pharmaceutical and biotechnology standards and will be accepted for review by international regulatory agencies.

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 provide project and scientific leadership within the TetraQ RIC bioanalytical team. The position will provide high level technical expertise in bioanalytical methods (primarily immunoassay methods such as ELISA and ECLIA). Method development, validation, project planning, execution, data analysis and interpretation, report writing, client liaison and working with the Quality Assurance Unit are all critical aspects of the role which reports to the Head of Bioanalytical Services.
Duties

Duties and responsibilities include, but are not limited to:

Senior Scientist

- Act as Study Director in accordance with OECD Consensus Document No.8 “The role and responsibilities of the Study Director in GLP studies”
- Supervise bioanalytical staff/ project staff
- Communicate with external clients re projects
- Plan and manage bioanalytical method development, validation and sample analysis studies using immunoassay methods
- Supporting the application, maintenance and continuous improvement of the Quality Management System and participating in internal and external quality audits as required.
- Ensure all performed studies follow appropriate legal and regulatory regulations
- Applying safe working practices within the TetraQ work environment by observing the University of Queensland’s and TetraQ’s Workplace Health and Safety policies
- Performing other tasks as required by Senior Management

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

Organisational Relationships

The position reports to the Head of Bioanalytical Services at TetraQ RIC.
SELECTION CRITERIA

Essential

- Science degree with Honours in an appropriate science qualification (preferably analytical chemistry, pharmaceutical sciences), or an equivalent combination of relevant experience and/or education/training.
- Minimum of 6 years’ relevant work experience, including experience as a Study Director in a quality-compliant facility with immunoassay methodologies.
- Experience with quantitative immunoassay-based bioanalytical method development, validation and sample analysis studies.
- Excellent oral and written communication skills.
- Possess good interpersonal and leadership skills.
- Possess good leadership skills, work well in a team, will be objective-driven, and understand the importance of project timelines and project management.
- Ability to manage multiple tasks efficiently.
- Awareness of and adherence to standards of Occupational Health and Safety.

Desirable

- Ph.D degree in relevant field of research.
- Experience with LC-MS/MS bioanalytical methods.
- Experience with GLP quality systems.

The University of Queensland is committed to equity, diversity and inclusion.