

Enabling therapeutic discovery

RESEARCH INFRASTRUCTURE SEMINAR SERIES

UQ researchers continue to contribute and innovate, and produce research excellence in therapeutic discoveries. At every step of their research journey, they are supported by comprehensive research infrastructure and capabilities.

Proteomics, high performance computing, gene sequencing, artificial intelligence, advanced imaging, characterisation and nanofabrication are just some of UQ's capabilities which underlie therapeutic discovery, and enable progress and collaboration, and ultimately translation and access to funding opportunities.

Drug design and discovery research is a vast and diverse research field, with researchers working across fundamental, molecular, structural, chemistry and other sciences to find solutions and, ultimately, translation of ideas to the clinic to improve outcomes for patients.

The Research Infrastructure team warmly welcomes you to hear how researchers utilised UQ's extensive research infrastructure to progress their research.

TITLE: Enabling Therapeutic Discovery

WHEN: Friday 17 September 2021
10am – 12 midday

WHERE: Global Change Institute
Room 275, St Lucia campus

FOR RESEARCHERS, BY RESEARCHERS



Panellists

Speakers



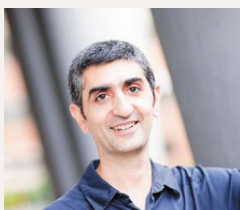
Professor Avril Robertson
Group Leader, Drug Discovery and Development; Director, Biotechnology Programs, School of Chemistry and Molecular Biosciences

Overarching journey from discovery to commercialization.



Associate Professor Bryan Fry
Venom Evolution Lab, School of Biological Sciences

Advanced-robotics high-throughput methods for the preclinical testing of snakebite antidotes.



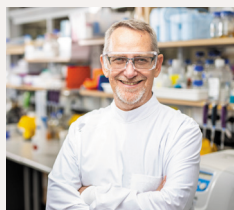
Professor Kiarash Khosrotehrani
Professor of Dermatology, UQ Diamantina Institute

Requirements and spectrum of infrastructure and facilities for translational research.



Dr Rachel De Las Heras
Ultrasound Product Development Manager, Queensland Brain Institute

Bench to bedside medical device development.



Professor Paul Young
Head, School of Chemistry and Molecular Biosciences

How UQ's research infrastructure was used for the development of Covid vaccine candidate.



Dr Kym Baker
General Manager, Pharma Services, Thermo Fisher

How working with industry can accelerate your Research.

Participants

Professor Linda Lua
Director, Protein Expression Facility

Professor Roger Wepf
Director, Centre for Microscopy and Microanalysis

Professor David Reutens
Director, Centre for Advanced Imaging

Dr Scott Fry
COO, Ellume

Professor Joe Shapter
UQ Pro-Vice-Chancellor, Research Infrastructure

The event will include a **networking coffee-break**, during which attendees will have an opportunity to browse a **Trade Display expo**, supported by NCRIS (National Collaborative Research Infrastructure Facilities) and UQ's Central Research Platforms (CRP) and other service providers.

Find out how UQ Research Infrastructure can boost your research goals:

- Advanced research facilities, capabilities and services including proteomics, high performance computing, long and short read sequencing capabilities, advanced imaging and many more
- UQ Funding and collaboration opportunities
- NCRIS and UQ CRP capabilities showcase (for full list of exhibitors, please see web site)

Register here: <https://research.uq.edu.au/week>

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