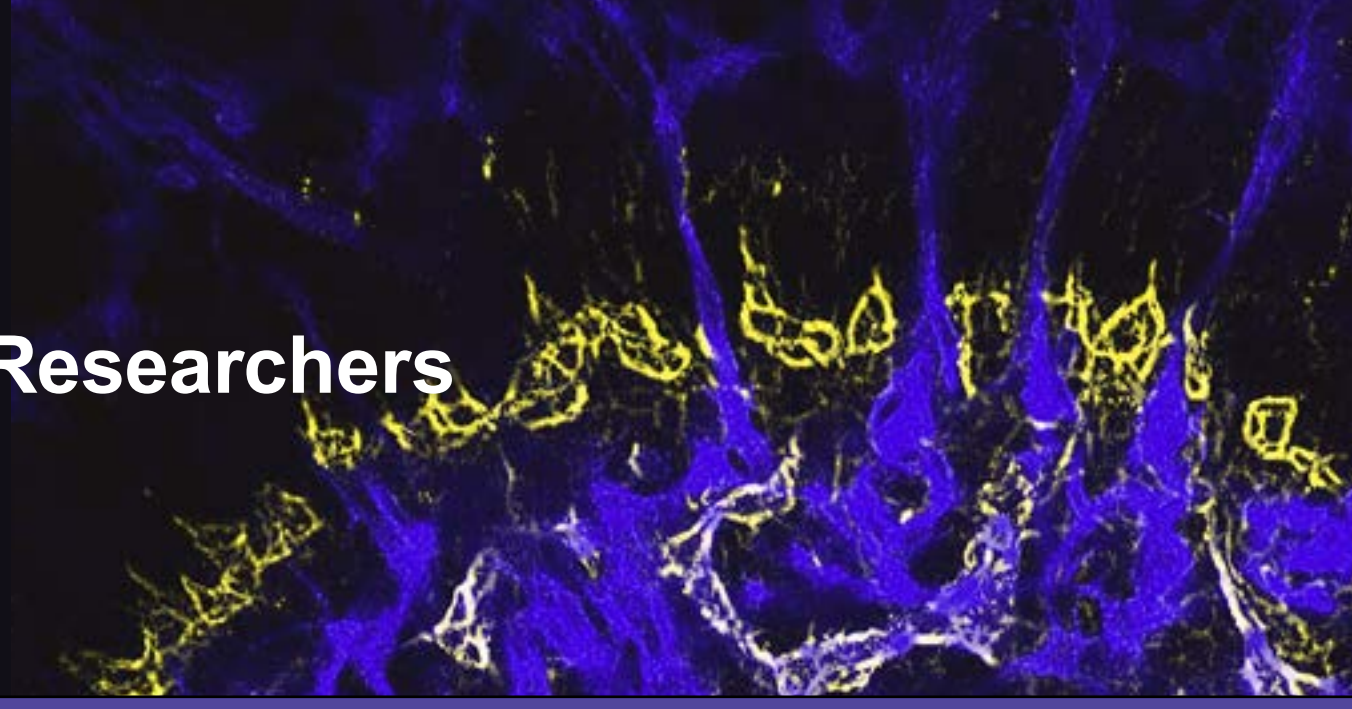
The University of Queensland | IMB
Institute for Molecular Bioscience

Early and Mid Career Researchers Association Retreat:

Building your Profile



OCT 11th Oct 2019, from 9 am | UQ Customs House | http://bit.ly/2kflvQD

Invited Speakers: Professional Development Workshops

A/Prof. Kate Schroder
Group Leader,
IMB, UQ

Prof. Peter Visscher
Group Leader,
IMB, UQ

Mr. Nimrod Klayman
Director,
UQ Idea Hub

Ms. Petris Lapis
Director,
Petris Lapis Pty Ltd

Invited Panel Experts: Building your Profile

Prof. Glenn King
Group Leader,
IMB, UQ

Dr. Sónia Henriques
Group Leader,
IHBI, QUT

Dr. Sumaira Hasnain
Group Leader,
Mater Research Institute, UQ

Dr. Nick Hamilton
Bio-Mathematician,
IMB, UQ

PROGRAM:

8:30 onwards	REGISTRATION
9.00 - 9:10	**Welcome: Prof. Brandon Wainwright (Director, IMB, UQ)**
9:10 - 10:10	**Creative Writing - A/Prof. Kate Schroder (IMB, UQ)**
10:10 - 10:30	MORNING TEA
10:30 - 11:30	**Critical Thinking - Prof. Peter Visscher (IMB, UQ)**
11:30 - 13:00	**Networking and team-building - Mr. Nimrod Klayman (Director, UQ Idea Hub)**
13:00 - 14:00	LUNCH
14:00 - 15:30	**Grow your Profile and Network - Ms. Petris Lapis (Director, Petris Lapis Pty Ltd)**
15:30 - 15:50	AFTERNOON TEA
15:50 - 16:50	**Panel Discussion - Building your profile** **Prof. Glenn King (IMB, UQ)** **Dr. Sónia Henriques (IHBI, QUT)** **Dr. Sumaira Hasnain (Mater Research Institute, UQ)** **Dr. Nick Hamilton (IMB, UQ)**
16:50 - 18:00	**Close** and DRINKS/MIXER

HOST: EMCRA
c-ecr@imb.uq.edu.au

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EMCRA Retreat 2019

The University of Queensland AUSTRALIA | IMB Institute for Molecular Bioscience

Invited Speakers/ Panel Experts:

A/Prof. Kate Schroder (Group Leader, Inflammasome Lab, IMB, UQ)

Associate Professor Kate Schroder heads the Inflammasome Laboratory and directs the Centre for Inflammation and Disease Research at the Institute for Molecular Bioscience, University of Queensland, as an NHMRC RD Wright Fellow. Kate's graduate studies defined novel macrophage activation mechanisms. Her subsequent postdoctoral research identified surprising inter-species divergence in the inflammatory programs of human versus mouse macrophages. As an NHMRC CJ Martin Fellow in Switzerland, Kate trained with the pioneer of inflammasome biology, Jürg Tschopp. Her laboratory investigates the molecular mechanisms governing inflammasome activity and caspase activation, the cellular mediators of inflammasome-dependent inflammation, and mechanisms of inflammasome inhibition by cellular pathways and small molecule inhibitors. Kate is a co-inventor on patents for small molecule inhibitors of the NLRP3 inflammasome, currently under commercialization by Inflazome Ltd.

Prof. Peter Visscher (Group Leader, Genomics of Development and Disease Division, IMB, UQ)

Prof. Peter Visscher is a quantitative geneticist with research interests focussed on a better understanding of genetic variation for complex traits in human populations, including quantitative traits and disease, and on systems genomics. The first half of his research career to date was predominantly in livestock genetics (animal breeding is applied quantitative genetics), whereas the last 15 years he has contributed to methods, software and applications to quantify the genetic architecture of human traits.

Mr. Nimrod Klayman (Director, UQ Idea Hub)

Nimrod Klayman has 20 years experience operating in senior roles within the telecommunication, manufacturing, technology and FMCG industries, with experience working in start-ups and within significant corporations based in Israel, Argentina and Australia. A serial founder passionate about building new ventures and finding new opportunities. Currently runs the University of Queensland's Idea Hub – an innovation hub that provides aspiring student entrepreneurs with the requisite skills and knowledge needed to conceive a start-up. Nimrod designed and leads the "Global Startup adventure" for students at the University of Queensland, a unique overseas innovation and entrepreneurship experience, based at some of the hottest global hubs in entrepreneurship and innovation in Shanghai, Tel Aviv, San Francisco and Singapore.

Ms. Petris Lapis (B Com LLB LLM FIPA FFA)

Petris has worked in accounting, law, academia, banking, business and training. She has consulted to government and industry and published several books and hundreds of papers. She has studied commerce, law, coaching, NLP and hypnosis. She is passionate about helping professionals thrive and succeed.

Petris loves warm sunny days, rowing, food, laughter and moments of inspiration.

Prof. Glenn King (Group Leader, Venoms Lab, IMB, UQ)

Glenn did his PhD at the University of Sydney before postdoctoral studies at the University of Oxford. After academic stints at the University of Sydney and the University of Connecticut Health Center, he joined the Institute for Molecular Bioscience at The University of Queensland in 2007. Glenn is a pioneer in the field of venoms-based drug discovery, in particular the development of peptide drugs and insecticides derived from spider venoms. His early work on venoms lead to him to found Vestaron Corporation, an agricultural biotechnology company that is developing eco-friendly peptide-based insecticides. Glenn's current research is focused on the development of peptide drugs to treat chronic pain, epilepsy, and stroke. His laboratory at The University of Queensland maintains the largest collection of venoms in the world, comprising venoms from more than 700 species of ants, assassin bugs, caterpillars, centipedes, scorpions, spiders, and wasps. Glenn has published 3 books, 19 book chapters, and more than 250 peer-reviewed journal articles. He is a former President of the Australian Society for Biophysics (ASB) and former Chair of the Australian & New Zealand Society for Magnetic Resonance (ANZMAG). He has served on the editorial board of numerous journals and is currently Editor-in-Chief of Toxicon. Recent awards include the 2013 Beckman Coulter Discovery Science Award from the Australian Society for Biochemistry & Molecular Biology, 2013 ASB Sir Rutherford Robertson Award, 2015 ANZMAG Medal, and the 2016 IMB Impact Award for Discovery & Innovation.

Dr. Sónia Troeira Henriques (Group Leader, Therapeutics and Membrane Biology Lab, IHBI, QUT)

Dr Sónia Troeira Henriques graduated in Biochemistry (2003) and obtained a PhD degree in Biochemistry/Molecular Biophysics (2008) from University of Lisbon in Portugal supervised by Prof Miguel Castanho. In 2008 she was awarded an ARC Australian Postdoctoral Fellowship and started her postdoctoral research at the Institute for Molecular Bioscience (IMB), University of Queensland at the in Prof David Craik's group. In 2009, Dr Henriques was awarded an international outgoing Marie Curie Fellowship and was appointed as invited lecturer in Portugal (Medicine School, University of Lisbon). In 2012, Dr Henriques returned to Australia upon reception of a DECRA fellowship, and in 2015 she was awarded an ARC Future Fellowship. She has recently (October 2018) started a position as group leader and senior lecturer at Queensland University of Technology and is establishing a research team at the Institute of Health and Biomedical Innovation (IHBI) within Translational Research Institute (TRI). Peptide Therapeutics and Membrane Biology research group is focused on investigating how peptides interact with cell membranes and exert their function, thereby accelerating the development of safer peptide-based drugs. Her work in mechanistic studies of peptides and peptide-membrane interactions is highly multidisciplinary and places her research at the interface of chemistry, biochemistry, structural biology, membrane biology, biotechnology and biomedical research. She is the co-author of over 60 publications on cyclic peptides, drug design and/or the mechanism of action of peptides.

Dr. Sumaira Hasnain (Group Leader, Immunopathology Lab, Mater Research Institute, UQ)

Dr Sumaira Hasnain leads the Immunopathology group at the Mater Research Institute - University of Queensland. She was recently awarded the NHMRC Career Development Fellowship (2018-2021) and is a Senior Research Fellow. Sumaira Hasnain's research career started in 2006 with her PhD in infection/immunology and glycobiology at the University of Manchester, UK. She then moved to Brisbane in 2011 to work with Professor Michael McGuckin's group at Mater. Her novel discoveries have therapeutic relevance for the treatment of multiple common inflammatory diseases including Inflammatory Bowel Disease and Diabetes. Dr Hasnain is chief investigator on three NHMRC, Cancer Council Queensland grant, UQ Collaboration and Industry Engagement Fund (CIEF) Seed Research Grant, UQ ECR grant and recently gained the UQ postdoctoral fellowship. She has published her work in top-tier journals, including a recent landmark study published in Nature medicine. Since 2010, she has won 12 awards including a Medal for Excellence in Biomedical Research from Mater Research (2012) and the prestigious 2013 QLD Premier's Postdoctoral Research Award.

Dr. Nick Hamilton (Institute Bio-Mathematician, IMB, UQ)

Dr Nick is the Institute Bio-Mathematician at the Institute for Molecular Bioscience (IMB), The University of Queensland, and holds a co-appointment with the Research Computing Centre at UQ. He gained a PhD in Pure Mathematics from the University of Western Australia in 1996 and was subsequently awarded Fellowships in Australia and Belgium. In 2002, Nick made the decision to change fields into the exciting new areas of computational biology and bioinformatics, returned to Australia, and subsequently took up a position within the ARC Centre of Excellence in Bioinformatics at UQ. In 2008 he was appointed as a Laboratory Head at IMB, and Institute Bio-Mathematician in 2014, where he continues to lead a group in bio-image informatics, mathematical modelling and data visualisation, developing methodologies to deal with the current deluge of data that new microscopy imaging technologies have enabled.