

EMBL Australia Partner Laboratory Group Leaders in Bioengineering, Synthetic Biology & Computational Biology

Expressions of interest are invited from future leaders in Bioengineering, Synthetic Biology and Computational Biology wishing to accelerate their independent scientific careers. The EMBL Australia Group Leader positions are hosted within the Single Molecule Science Node at University of New South Wales (UNSW) in Sydney, Australia.

Our overarching goal is to integrate the perspectives of 'bottom up' single molecule biophysics/structural biology with 'top down' cell biology/physiology to elucidate the molecular mechanisms of fundamental biological and medical problems.

Benefits of the positions:

- Dedicated full-time research position as an independent group leader
- Provision of research funding
- Critical mass of outstanding researchers within an excellent collaborative scientific environment, including mentoring from senior researchers
- The opportunity to foster excellence and deliver leadership in a range of research projects and to supervise graduate students
- State-of-the-art facilities in super-resolution and single molecule imaging technology fluorescence microscopy (including lattice light-sheet microscopy), electron microscopy, nanofabrication, genomics, proteomics and high performance computing
- Access to EMBL Australia facilities, collaborative programs and development activities (e.g. scientific retreats, reviews, selection panels and student programs)
- We embrace equity, diversity and inclusion, and support young families

Contract Term: The appointment will be for a period of five (5) years with the possibility of extension for an additional four (4) years. Anticipated commencement is early 2019 or as otherwise agreed.

The EMBL Australia Partner Laboratory Network

Australia is the first Associate Member of the European Molecular Biology Laboratory (EMBL). EMBL is an international research organisation that fosters excellence by providing a highly collaborative environment that benefits the research of all its scientists, whether at graduate, post-doctoral or group leader level. A key initiative of the associate membership is the EMBL Australia Partner Laboratory Network, a partnership of Australian research institutions, which provide long-term funded research-only positions allowing early to mid-career researchers to pursue ambitious research programs. The EMBL Australia Node in Single Molecule Science at UNSW Sydney was established in 2015. For more information about EMBL Australia visit www.emblaustralia.org.

UNSW ORGANISATIONAL ENVIRONMENT

UNSW is currently implementing a ten-year strategy to 2025 and our ambition for the next decade is nothing less than to establish UNSW as Australia's global university. We aspire to this in the belief that a great university, which is a global leader in discovery, innovation, impact, education and thought leadership, can make an enormous difference to the lives of people in Australia and around the world.

To achieve this ambition we are attracting the very best academic and professional staff to leadership positions in our organisation, notably via EMBL Australia Group Leaders and Scientia Fellowships. The EMBL Australia Node in Single Molecule Science houses cutting-edge research infrastructure and research activities spanning across biophysics, structural biology, biochemistry, mechanobiology, cell and molecular biology and physiology. For more information visit sms.unsw.edu.au.

The Position

The EMBL Australia Node in Single Molecule Science at UNSW Sydney is seeking top quality researchers with expertise in Bioengineering, Synthetic Biology and Computational Biology to develop an independent research laboratory.

The successful applicants will also participate in the collegial, collaborative culture of the EMBL Australia Partner Laboratory Network. The candidates will actively support the development of the network by participating in the various programs aimed at internationalizing research conducted in Australia through linking activities with EMBL.

Additional benefits:

UNSW has unique microscopy capabilities including super-resolution and single molecule imaging technology fluorescence microscopy (e.g. lattice light-sheet microscopy) developed by the ARC Centre of Excellence in Advanced Molecular Imaging (www.imagingcoe.org) and supported by the [Biomedical Imaging Facility](#).

Group Leaders also have access to UNSW facilities in electron microscopy, nanofabrication, high performance computing, drug development, genomics, proteomics, animal models and the [Mark Wainwright Analytical Centre](#).

In line with the UNSW's Equity, Diversity and Inclusion Policy, we are committed to gender equity in the workplace and strongly encourage applications from female researchers. UNSW has established support programs designed to encourage women to remain in the workforce. These include generous paid parental leave, flexible working hours, childcare travel assistance and parenting rooms.

How to Apply

Please send a cover letter, full curriculum vitae, contacts details of 3 referees and a concise statement (maximum 4 pages) summarising your current and future research interests to recruitment@EMBLAustralia.org.

Applications will be accepted until **5 pm, 5 April 2018 AEST**.

Week-long interviews will be held in Sydney, Australia starting the week commencing 21 May, 2018.