

# EMBL Australia Partnership PhD Program



Undertake interdisciplinary, postgraduate research for a PhD degree at Australia's top life science laboratories.

Successful students will receive generous scholarships and travel grants while undertaking their PhD at an EMBL Australia laboratory in Melbourne, Sydney, Canberra or Adelaide.

Projects are available in the following areas:

- » Cell signalling & differentiation
- » Cellular organisation (cytoskeleton, membranes, intracellular trafficking and nucleus)
- » Chemistry & chemical biology (including drug development, delivery & immunotherapy)
- » Computational biology & modelling, bioinformatics
- » Engineering, including tissue engineering, protein engineering (eg. immunoengineering), biomaterials, robotics & automation
- » Functional genomics, genetics, gene networks
- » Gene regulation, transcription, chromatin & epigenetics
- » Imaging & image analysis
- » Infection & immunity
- » Macromolecular complexes, interaction networks
- » Microbiome research
- » Neurobiology (from brain development to physiology & behaviour)
- » Physics & biophysics
- » RNA metabolism, transport, processing & translation, ncRNAs & miRNAs
- » Regenerative medicine
- » Structural biology (including x-ray crystallography, electron microscopy, AFM, SAXS)
- » Synthetic biology & DNA nanotechnology
- » Systems immunology
- » Tissue morphogenesis, cell polarity & migration.

**Closing date**  
Applications close on  
4 April 2018.

Applicants will need to apply online to EMBL Australia: [emblaustralia.org/phdprogram](http://emblaustralia.org/phdprogram).

Interviews with short-listed candidates will be held in April by Skype or in person. Successful applicants will be notified by late April. Upon acceptance, students will be required to enrol and apply for scholarships through their Australian host institution. All PhD students are expected to commence by August 2018.



To apply, and for more information on our student programs, visit the EMBL Australia website: [emblaustralia.org/phd-program](http://emblaustralia.org/phd-program)

For enquiries, contact [student.admin@emblaustralia.org](mailto:student.admin@emblaustralia.org)

## ABOUT EMBL AUSTRALIA

EMBL Australia is a life science network that maximises the benefits of Australia's associate membership of The European Molecular Biology Laboratory (EMBL).

Officially launched in 2010, EMBL Australia aims to strengthen the nation's global position in life sciences by creating opportunities for:

- » internationalising Australian research via the EMBL Australia Partner Laboratory Network
- » training the best students and early-career researchers, and
- » accessing key international infrastructure.

**For more information on all of EMBL Australia's programs head to [emblaustralia.org](http://emblaustralia.org)**

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