

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, Brisbane, Sydney, Canberra or Adelaide.

Projects are available in the following areas:

- » Cell Signalling and Differentiation
- » Cellular Organisation (Cytoskeleton, Membranes, Intracellular Trafficking and Nucleus)
- » Chemistry and Chemical Biology (including Drug Development, Delivery and Immunotherapy)
- » Computational Biology and Modelling, Bioinformatics
- » Disease Models in Animals, Pathogens and Molecular Medicine
- » Engineering including Tissue Engineering, Protein Engineering (e.g. immunoengineering), Biomaterials, Robotics and Automation
- » Evolution
- » Functional Genomics, Genetics, Gene Networks
- » Gene Regulation, Transcription, Chromatin and Epigenetics
- » Imaging and Image Analysis
- » Infection and Immunity
- » Macromolecular Complexes, Interaction Networks and Phase Transition
- » Microbiome Research
- » Neurobiology (from Brain Development to Physiology and Behaviour)
- » Physics and Biophysics
- » RNA Metabolism, Transport, Processing and Translation, ncRNAs & miRNAs
- » Regenerative Medicine
- » Structural Biology, including X-ray Crystallography, Electron Microscopy, AFM, SAXS
- » Synthetic Biology and DNA Nanotechnology
- » Systems Immunology
- » Tissue Morphogenesis, Cell Polarity and Migration.

Applicants will need to apply online to EMBL Australia: emblaustralia.org/phdprograemblaustralia.org/student-opportunities/embl-australia-partnership-phd-program.

Interviews with short-listed candidates will be held by Skype or in person. Successful applicants will be notified within 2 months of submission of all required supporting documents. Upon acceptance, students will be required to enrol and apply for scholarships through their Australian host institution. All PhD students are expected to commence in 2020 or 2021.

To apply, and for more information on our student programs, visit the EMBL Australia website: 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

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