

# Industry Partnerships with IMB

The Institute for Molecular Bioscience (IMB) is a multidisciplinary life sciences research institute undertaking discovery research for disease application and sustainability. IMB is the largest institute of The University of Queensland, one of the oldest and most prestigious research-intensive universities in Australia.

IMB researchers are world-renowned experts in their fields, and the discoveries they make today will provide solutions to real-world issues including:

- the global rise of antibiotic-resistant superbugs
- treatment of chronic pain
- diagnosis and prediction of genetic disease through genomic technologies
- the need for sustainable production of biofuels and enhanced food production
- treatment of autoimmune and inflammatory disease
- the development of therapies for cardiovascular disease.





## IMB has access to state-of-the-art infrastructure and technologies including:

- unsurpassed imaging facilities incorporating confocal, light sheet and electron microscopy
- nuclear magnetic resonance and X-ray crystallography capabilities
- drug and natural product discovery and development pipelines
- genome editing in cell and animal models
- mass spectrometry facility
- supercomputing capabilities.

## IMB supports the protection and development of intellectual property as part of the smooth implementation of our industry partnerships.

### In so doing, we have:

- attracted government support for industry partnerships, including 12 Australian Research Council (ARC) Linkage grants and an Industrial Transformation Training Centre in the past five years
- partnered with industries ranging from local SMEs to large multinational companies, spanning multiple sectors including agriculture, engineering, manufacturing, pharmaceuticals and biotechnology
- ensured research inventions are protected through the generation of more than 30 patent families (currently under prosecution)
- spun-out 11 companies, with one of these, Protagonist Therapeutics Inc, listing on the NASDAQ in 2016.

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