

RESEARCH AND INNOVATION PRECINCT

BIO INNOVATION HUB

Helping early-stage biotechnology companies grow and thrive.

The Bio Innovation Hub is a purpose-built PC2 laboratory and office facility to support the growth of early-stage biotechnology and agritech businesses.

Designed for early-stage companies, access to PC2 laboratories and shared equipment enables you to focus your resources on research and development in a community of like-minded companies, leading academic researchers, a future workforce and world-class research infrastructure.

CRITICAL INFRASTRUCTURE FOR INDUSTRY

FACILITY

Located within La Trobe University's iconic Thomas Cherry building and within the core of the Bundoora campus, the Bio Innovation Hub provides:

- Flexible design offering up to 12 private suites (20m² – 60m²) and access to open plan benches within a PC2 certified facility
- Access to suites containing shared scientific instruments, cell culture, microscopy and cold storage.
- Private office and open plan desk options
- Shared kitchen, break out and meeting rooms
- Access to La Trobe Stores and Library services
- Ability to access La Trobe core research facilities and platform technologies.

SHARED EQUIPMENT

Bio Innovation Hub partners have shared access to equipment including:

- Cold storage: Liquid Nitrogen, -80°C, -30°C and 4°C
- Centrifuges: High speed and ultra-high speed centrifuges with 14–500mL rotors, microcentrifuges
- ChemiDoc imaging, PCR, microplate readers, nanodrop spectrophotometer
- Reverse Osmosis and Milli-Q water
- Analytical and precision balances
- Microscopes: Dissector, compound, phase and inverse phase contrast systems
- Biological Safety Cabinets, laminar flow hoods
- CO₂ Incubators
- Dishwasher, autoclaves and basic general research equipment

RESEARCH PLATFORMS

La Trobe is home to world-class researchers, institutes and centres that actively work with industry and the community and are supported by specialist research infrastructure. Core facilities supporting Bio Innovation Hub partners include:

BIOIMAGING PLATFORM

Equipment and technologies in optical and electron microscopy, flow cytometry and image analysis.

GENOMICS PLATFORM

State of the art 'next generation sequencing' equipment supported by expertise in bioinformatic analysis and project design.

PROTEOMICS & METABOLOMICS PLATFORM

Suite of capabilities for protein identification and quantification, small molecule structure determination and metabolomics.

CLINICAL TRIALS PLATFORM

Expert advice and support for clinical trial design, management and services.

STATISTICS PLATFORM

Consultancy advice for statistical analysis, research methods, experimental design and data analysis for projects.

LA TROBE ANIMAL RESEARCH AND TEACHING FACILITY

Small animal research services including animal housing, monitoring and husbandry, specialised containment, imaging equipment and surgical facilities

PLANT SCIENCE

Controlled growth facilities, glasshouses, plant phenomics and expertise in soil science, plant growth and medicinal agriculture.

UNIVERSITY CITY OF THE FUTURE

The Research and Innovation Precinct is a key pillar in the La Trobe University City of The Future project and a cornerstone of La Trobe's Industry Engagement. The City of the Future will be a thriving place where people live, work, play and visit. A digitally supported community with spaces designed for collaboration. Our University City of the Future will invite industry to co-locate on campus, create 20,000+ new jobs over ten years, education facilities for 40,000+ students, additional housing for 12,000 students, staff and private residents and \$3.5 billion in Gross Regional Product (GRP) over the next ten years.



CO-LOCATION TO SUPPORT GROWTH

UNLOCKING BIOTECH DISCOVERIES



DISCOVER MORE:

latrobe.edu.au/bioinnovationhub

GENERAL ENQUIRIES:

Research and Innovation Precinct
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**LA TROBE
UNIVERSITY**

THE LA TROBE BIOTECHNOLOGY ECOSYSTEM

La Trobe is a leader in research and education across both medical and agricultural biotechnology, with expertise including immunology, genetic engineering, microbiology, and structural biology.

Our research institutes – including the La Trobe Institute for Molecular Sciences (LIMS), Olivia Newton John Cancer Research Centre, the Baker Department of Cardiovascular Research Translation and Implementation, and the Centre for AgriBioscience, a joint venture with Agriculture Victoria – enable us to work on cross-disciplinary projects, with a focus on innovation and translation to support biotech organisations and the development of the local biotech sector.

La Trobe's digital innovation and research expertise extends our support of the biotech sector through research expertise and workforce development to support the digital transformation of biotech organisations.

La Trobe has a proud history of co-location of industry in our facilities, supporting the growth of biotechnology and agritech companies from start-ups to ASX listing.

The Bio Innovation Hub is supported by funding from the Victorian Higher Education State Investment Fund through the Victorian Government Department of Education and Training.

TESTIMONIALS



ASX listed biotech company embedded in the La Trobe Institute of Molecular Science.

'We could not have been here without support from La Trobe. La Trobe has provided access to essential resources that would have been prohibitively expensive for a start-up company.'

'Through the University's talent we have ready access to certain skills and capabilities, which we can scale up and down as required.'

**TIM OLDHAM, CEO,
ADALTA**



Biotech company Imunexus relocated its research and development headquarters to La Trobe in 2021.

Mary-Anne Schmidt is thrilled with the equipment and facilities at their disposal, from common centrifuges and incubators to highly specialised instruments and tissue culture facilities.

'If we had moved into an autonomous space, we would have to buy everything. The fact that we can utilise the facilities and support services here is a godsend'

**MARY-ANNE SCHMIDT,
SENIOR RESEARCH OFFICER,
IMUNEXUS THERAPEUTICS**

