

# Nature Bank changes the rules of natural product drug discovery

We offer novel bioactive small molecules that hit your drug targets, plus screening, storage and optimisation of your natural products

Fractions are stored in barcoded microtubes for quick retrieval



**Know more. Do more.**

Ranked in the world's top 5 per cent

Gold Coast - Logan - Mt Gravatt - Nathan - South Bank

Based on rankings analysis including the Academic Ranking of World Universities.

## Nature Bank is located at the Eskitis Institute at Griffith University

Nature Bank is held in trust by the Eskitis Institute and fully complies with the UN Convention on Biological Diversity.

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 **Griffith**  
UNIVERSITY  
Eskitis Institute

# Nature Bank

- a resource for drug discovery



[nature-bank.com.au](http://nature-bank.com.au)

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**Biota**  
45,000 Samples



**Extracts**  
17,000 Samples



**Fractions**  
200,000 Samples



Fractions are stored in the Queensland Compound Library for rapid and efficient reformatting and supply

## Nature Bank puts biodiversity on the web

Biodiversity provides huge potential for discovering new compounds that can be developed into novel treatments, materials or other products.

Nevertheless, promising biodiscovery projects can falter simply because there is so much biodiversity and samples can be difficult to access. Where do you start?

Griffith University's Nature Bank helps answer this question by providing an online, searchable database of our entire biota collection.

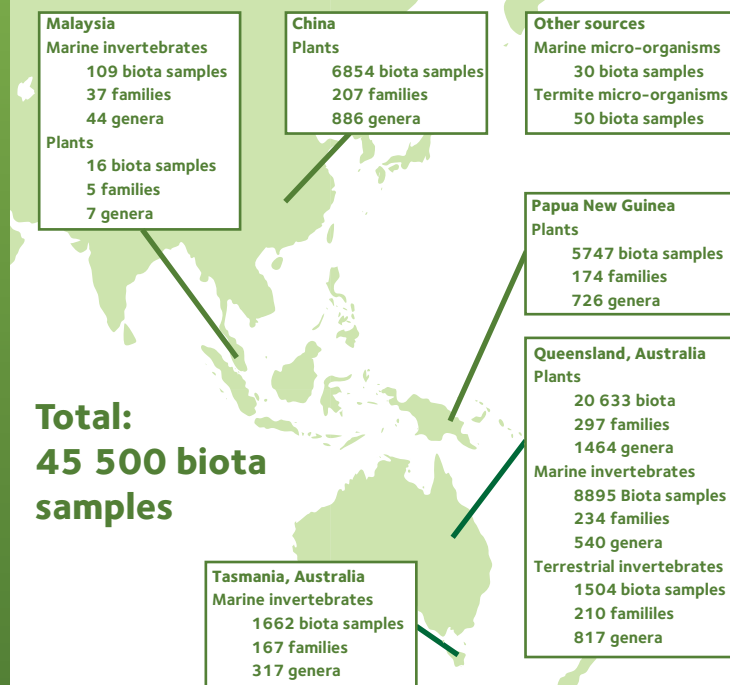
Visit our web site to learn more about our comprehensive biological and chemical resources and the potential benefits to your R&D projects.

[nature-bank.com.au](http://nature-bank.com.au)

Nature Bank is an integrated chemical discovery platform based on natural products. It comprises over 45,000 biota, 17,000 optimised extracts and 200,000 semi-purified fractions samples and all ready for analysis.

Nature Bank is perfect for researchers and organisations looking to find novel bioactive compounds that hit a particular target or bind to a specific protein.

We also offer services to improve, store and distribute large natural product libraries to add value to your collections and facilitate collaborations.



## Nature Bank - your source and destination

Screen our libraries for bioactive compounds or improve your libraries using our proprietary **Lead-Like Extraction** technique.

- **supply** of Nature Bank fractions for screening on your assay systems, with follow-up isolation chemistry at Eskitis
- **screening** of Nature Bank fractions or other libraries against your drug target using our advanced high throughput screening system
- **processing** of your natural product libraries of biota or crude extracts into **Nature Bank** fractions to create an assay-ready screening set
- **storage**, reformatting and despatch of your fraction libraries around the world
- **bioaffinity** mass spectrometry screening of fragments or enhanced extracts against an unmodified protein target