



Biodiversity products

A new way to commercialise products from our unique biodiversity

The vision

New medical products designed, developed and tested in WA, drawing on our unique biodiversity and highly-skilled workforce.

WA scientists in collaboration with international pharmaceutical companies are making breakthroughs in

cancer drugs and antibiotic resistance



Biodiversity prospecting

provides incentives to conserve the environment and indigenous culture whilst sharing the economic benefits of innovation

The time is now

Globally:

Unique natural compounds are underpinning game-changing advances in scientific research and in the development of new treatments and cures

Locally:

WA is a unique biodiversity hotspot offering plentiful opportunity for research, discovery and product commercialisation



60%
of anti-cancer drugs

are estimated to be derived from natural products

25%



of all modern drugs

are estimated to be derived from natural products

8 biodiversity hotspots



are located in WA – out of 15 across Australia

More than

50%



of South West WA's 5,570 vascular plants are found nowhere else

The global market for products derived from plants is estimated to be at least

\$118 billion

\$1.2 trillion

in revenue was generated by the global pharmaceutical and medical manufacturing industry last year



Indigenous bush medicine

Indigenous Australians have long been harnessing the value of native wildlife in treatments to various ailments, including tea tree and eucalyptus oils

Over 4,000

species of plants and animals are found in the Pilbara, many of which are found nowhere else on earth