



**Invest & Trade**  
WESTERN AUSTRALIA

# Western Australia

Internationally recognised excellence in  
health and medical research and innovation



## Quick facts



**2**

Nobel laureates  
in physiology or  
medicine



**2**

of the top 5  
performing  
Australian biotech  
stocks in 2024



**4**

dedicated health &  
medical VC funds,  
plus additional sector  
agnostic funds



**7**

FDA approved  
drugs developed  
from university  
research



**28 Ha**

biomedical  
campus, one of  
the largest in  
the southern  
hemisphere



**\$1.8B**

sovereign  
wealth fund  
backing the  
Future Health  
Research and  
Innovation Fund



over **250**

biomedical  
organisations and  
support services



**5**

research universities  
with strong  
biomedical programs



**21**

medical research  
institutes and  
foundations



# Western Australia has a strong pedigree in biomedical innovation. With over 250 biomedical organisations and support services now calling Western Australia home, our industry is rapidly growing.

## Funding

Biomedical companies based in, or working, Western Australia can benefit from a wide range of funding opportunities and incentives.

These include:

- The Future Health Research and Innovation Fund, backed by Western Australia's \$1.8B sovereign wealth fund, which provides dedicated long term funding to support health and medical research and innovation.
- The Western Australian Venture Capital Initiative, which will provide Western Australian startups with access to more than \$150 million in venture capital funding.
- The R&D Tax Incentive, which allows a recoup of 43.5% of eligible research and development costs including clinical trials.
- Grants for workforce development, market entry advice and attendance at key conferences, through the Western Australian Government's \$8.65m Health and Medical Life Sciences Industry Strategy.

## Precision health

Western Australia has significant expertise in precision health, including using oligonucleotides (small RNA) to treat rare diseases, using mRNA to treat cancers, and substantial '-omics' capabilities. Our ecosystem includes national and international leaders in precision health, such as the Australian National Phenome Centre, the international centre of expertise in metabolic phenotyping, and the Rare Care Centre, which provides a world-leading innovative, holistic, cross-sector care coordination service for children and their families with rare and undiagnosed diseases.

## Manufacturing

Western Australia hosts a range of leading-edge specialist manufacturers of pharmaceuticals, advanced therapy medicinal products, RNA products, medical devices and digital health products.

These include Contract Development and Manufacturing Organisation (CDMO) firms such as:

- BioCina, providing sterile liquid pharmaceutical contract manufacturing services including small batch fill finish for clinical trials, full scale manufacturing, and analytical services.
- Cyclowest, producing GMP radiopharmaceuticals at their TGA certified cyclotron.
- The RNA Innovation Foundry, producing mRNA for research purposes and SynGenis, producing oligonucleotides (short RNA or DNA) for research purposes.
- Cell and Tissue Therapies WA (CTTWA), a TGA licensed clinical service facility and advanced therapies manufacturing centre of excellence for cell, gene and tissue therapies.



## Clinical trials and CROs

Western Australia has several experienced clinical trials providers, with some of the most advanced clinical trials facilities in the Asia-Pacific region.

Key among these are Linear Clinical Research's 3 facilities, with on average 70 actively recruiting studies for oncology and a wide range of other therapeutic indications.

Western Australia also hosts a number of experienced Contract Research Organisations (CROs).

## Data capabilities

Western Australia hosts two world-class supercomputing facilities, with strong expertise in data science and several key longitudinal health data sets, including the Busselton Health Study, one of the world's longest running epidemiological studies with nearly 30,000 participants.

## Infrastructure

Western Australia hosts a wide range of biomedical infrastructure, with the largest individual site being the Queen Elizabeth II Medical Centre, a 28Ha campus co-located with a world-leading university, 4 major medical research institutes, 3 hospitals, clinical trials facilities and a range of startup companies. The Western Australian Government is providing support for further growth of our biomedical infrastructure across a number of sites.

## Remote health

As the largest single health jurisdiction in the world, Western Australia has strong expertise in the development of remote and virtual healthcare infrastructure, products and services.

In doing so, Western Australia is able to draw on its world-leading expertise in remote operations gained through its mining, energy, agriculture, space and defence industries. Health in a Virtual Environment (HIVE) at Royal Perth Hospital remotely monitors high-needs patients in hospitals, and our WA Country Health Service connects tens of thousands of patients with specialists via videoconferencing each year.

Western Australia also has capability to conduct teletrials across its vast health network.

## Research universities

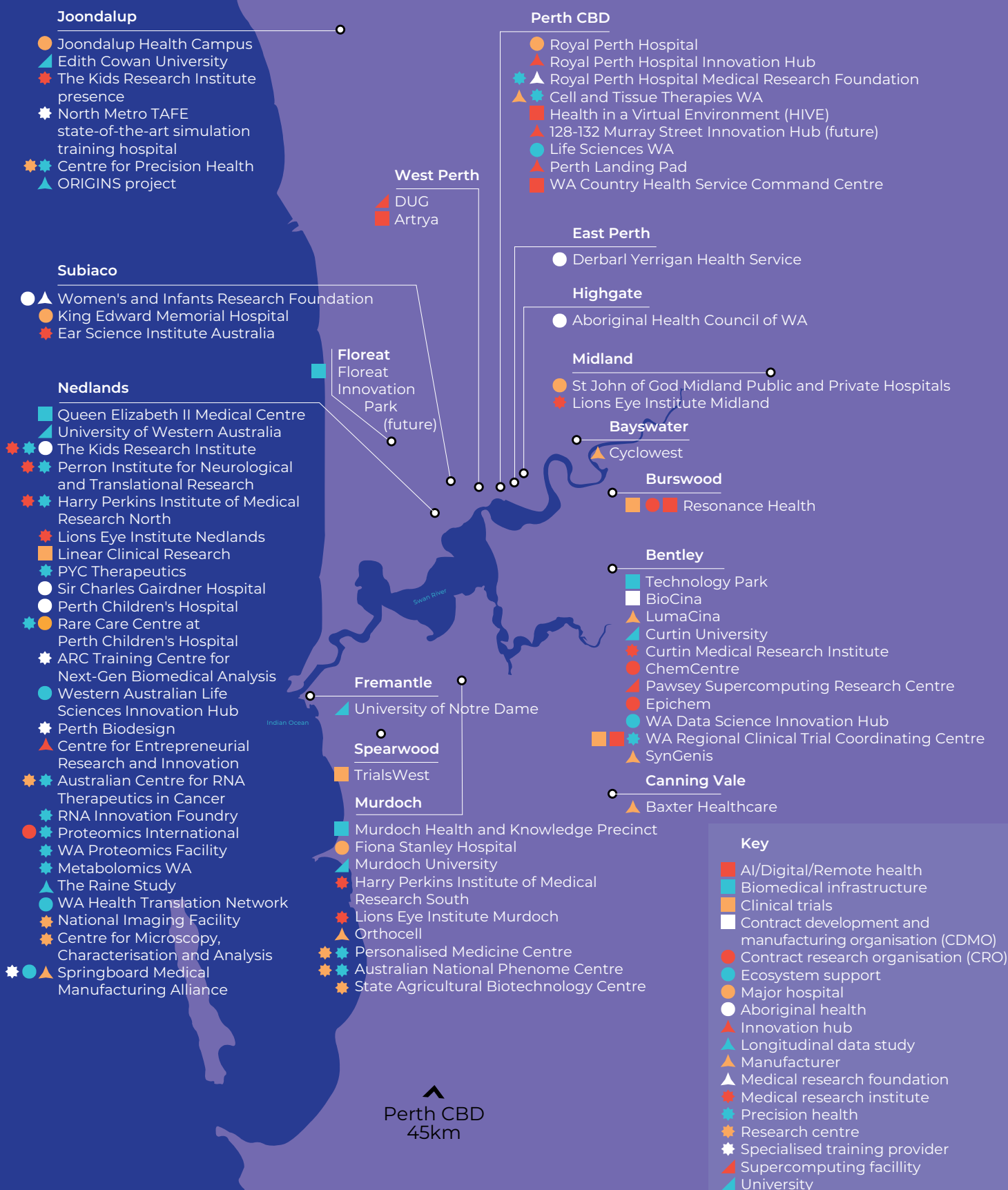


## Major medical research institutes



## Incubators and ecosystem connectors





# A vast and connected health system

Western Australia's 2.5 million square kilometre health network includes over 80 hospitals and key Aboriginal Community Controlled Health Organisations delivering services for urban and remote communities.



Find out more about the Western Australian health and medical life sciences industry and opportunities for you and your organisation.



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Health and Medical  
Life Sciences