

# Biomedical, and personalised and preventative healthcare



## Connecting people and places

Take a look at our **STRATEGIC VISUALISATION TOOL** to learn about Queensland's scientific capability in new industries. The tool links with the Queensland Science Capability Directory that provides information on all the research centres in the state. You can also connect with our sector leads.

Visit [www.qld.gov.au/ScienceEmergingIndustries](http://www.qld.gov.au/ScienceEmergingIndustries)

*We are searching for new medicines, vaccines and treatments to find solutions to global health problems. Together, we have the expert workforce for the future.*

Clare Blain  
Life Sciences Queensland

## Queensland's competitive advantage

Queensland provides the perfect combination of a strong, stable and diverse economy, a superb lifestyle in a sub-tropical climate and established global affiliations with a proximity to the world's largest export markets in East and South Asia.

Through favourable tax incentives and state-led research and development (R&D) support programs, Queensland is a great place to grow a business. We have a comprehensive biopharmaceutical research, development and commercialisation supply chain in place, supported by an excellent legal framework that enables a fast, pragmatic regulatory pathway to translate research to market.

Supportive legislation, like the *Biodiscovery Act 2004*, enables ethical access and use of 50,000 years of traditional knowledge of our First Nations peoples.

## R&D capabilities

A world-class research base and state-of-the-art translational research facilities and hospitals complement existing and future biomedical research precincts across Queensland.

We have high-value niche businesses specialising in biopharmaceuticals, medical devices and medicines, including novel approaches to tele-health. Queensland is also a 'one-stop-shop' for the conduct of clinical trials.

Our research community is interwoven with industry partners throughout the state's integrated research-clinical-industry precincts which are leaders in the fight against infectious and tropical diseases.

We are striving to understand and cure cancer and other cellular and molecular neuroscience applications.

The personalised and preventative healthcare sector in Queensland is a major growth industry, with currently 40,000 firms employing more than 400,000 people, many working in small to medium startups.

# Biomedical, and personalised and preventative healthcare

## Queensland—a great place to invest and do business



**11,700 employees**

in the biomedical sector



**400,000 people**

employed in the personalised and preventative healthcare sector



**Growth sector ↑38%**

by 2026



**A\$4 million**

state government program to support and attract biomedical enterprises



### Case study

#### **Bringing cures from the laboratory to the bedside**

In the heart of the state capital, the Translational Research Institute (TRI), an Australian first bench to bedside initiative, was established on the campus of the Princess Alexandra Hospital. The 32,000 square metre building is the largest medical research facility in the southern hemisphere. It consists of four floors of laboratory research plus teaching facilities.

Adjacent to the main TRI building, a bio-pharmaceutical manufacturing facility with fermentation capacity is operated by Patheon. That facility houses the first major mammalian biopharmaceutical production facility in Australia.

TRI's collaboration with the Siemens Healthineers enables researchers and clinicians to use advanced medical imaging to develop innovative solutions to clinical problems, without the need for invasive testing.

**For more information about Queensland's science and innovation capabilities, please visit:**



**Visualisation tool:**

[www.qld.gov.au/ScienceEmergingIndustries](http://www.qld.gov.au/ScienceEmergingIndustries)

**Email:**

[qldscience@qld.gov.au](mailto:qldscience@qld.gov.au)