BIOMEDICAL

Trade and investment opportunities

AUSTRALIA QUEENSLAND of OPPORTUNITY

Queensland Government Australia


Herston Biofabrication Institute, Brisbane
Pentero

A MESSAGE FROM THE MINISTER

The Honourable Ros Bates MP
Minister for Finance, Trade, Employment and Training

Queensland is at the forefront of biomedical and health innovation, with globally recognised strengths across research, clinical trials, advanced manufacturing and commercialisation.

A highly collaborative biomedical ecosystem brings together world-class universities, research institutes, hospitals and industry partners to accelerate new discoveries into real-world health solutions.

From biotechnology and medical technologies to digital health and tropical medicine research, Queensland is the epicentre for creation of new opportunities across the full biomedical value chain.

Our strategic location within the Asia-Pacific region, combined with Australia's trusted regulatory framework and attractive research and development incentives, further strengthens Queensland's position as a competitive destination for biomedical investment and growth.

As a key pillar for sovereign capability development, the Queensland Government is committed to supporting continued expansion across the biomedical sector through investment attraction, research collaboration and industry capability development.

Trade and Investment Queensland (TIQ) plays an important role in connecting international partners with Queensland's biomedical capabilities and opportunities. Through its global network and market expertise, TIQ supports businesses seeking to establish, invest and grow in Queensland.

I encourage you to explore our QueensLand of Opportunity and discover why Queensland is an increasingly important destination for biomedical innovation and investment.

WELCOME TO QUEENSLAND

Queensland is a place defined by ambition, connection and opportunity. Recognised globally for its openness to ideas, investment and collaboration, the state brings together world-class capability with a forward-looking mindset. It offers an environment where innovation moves quickly, partnerships flourish, and global challenges are translated into meaningful solutions.

Home to more than 5.7 million people, Queensland sits at the heart of the Asia-Pacific — one of the world's most dynamic regions. Its proximity to key markets, combined with a subtropical and tropical climate, supports diverse populations, unique research conditions and strong global connectivity. Backed by a stable economy, modern infrastructure and a globally engaged workforce, Queensland provides a compelling foundation for growth.

Queensland's biomedical sector is emerging as a key driver of innovation and investment. Bringing together researchers, clinicians, industry and government, the state enables discoveries to progress from concept to clinical application and commercialisation. With a strong focus on collaboration and global impact, Queensland offers a platform to develop, test and scale the next generation of health solutions.

*** TIQ's global offices can help you explore and identify trade and investment opportunities within Queensland.**

Biomedical student, Australian Catholic University, Brisbane

QUEENSLAND OF OPPORTUNITY FOR BIOMEDICAL TECHNOLOGY

Queensland is at the forefront of health and biomedical innovation, translating cutting-edge science into globally competitive products, platforms and therapies.

Home to internationally respected research institutes, advanced clinical trial capability and infrastructure, Queensland enables discoveries to move efficiently from concept to patient and market. These strengths support companies across the biomedical value chain, from early research and development through to clinical validation, advanced manufacturing and global commercialisation.

Queensland also hosts one of Australia's leading biopharmaceutical contract manufacturers, providing a compelling platform for large-scale biomedical and life sciences companies seeking to establish or expand their Asia-Pacific presence.

With commercially focused translational facilities, pragmatic regulatory pathways and a strong culture of collaboration between industry, clinicians and researchers, Queensland offers a low-friction environment for growth. Investors benefit from speed to market, access to deep talent pools and an innovation ecosystem designed to support scale.

Partner with Queensland to accelerate success in health and biomedical technology.

At a glance

8 research-focused universities and 9 research hospitals across Queensland

More than 230 biomedical companies employing nearly 27,000 people

Fast, low-cost regulatory pathway

Access to Australia's **research and development tax incentive**

Five major health and knowledge precincts generating new ideas and technology

THE QUEENSLAND OF OPPORTUNITY

Biotechnology – therapeutics and diagnostics

- A thriving biotechnology industry focused on drug discovery, development and manufacturing
- Queensland offers globally recognised infrastructure for research, translation, manufacture and supply to the highest international therapeutic and diagnostic standards
- World-class biomedical research institutions – including QIMR Berghofer – actively engage in cutting-edge research
- The University of Queensland's molecular clamp technology was translated into Vicebio's vaccine platform, and acquired by Sanofi in 2025 through the largest IP deal involving an Australian university, demonstrating the global commercial value of Queensland biomedical research

Biotechnology – research and development services

- Global reputation for scientific excellence and research capability, aided by world-leading biomedical research facilities and infrastructure
- The Boggo Road Innovation Junction housing the Translational Research Institute is one of Australia's largest biomedical hubs and a global leader in the effective translation of medical research and innovation
- Our unique ecosystem provides space for early-stage companies to undertake discovery research, product development and prototyping

Medical technology

- Queensland has a growing and diverse medical technology sector with strong capabilities in diagnostics and medical devices
- Collaboration between research institutions, clinicians and industry drives rapid innovation, product validation and commercialisation of new medical technologies in Queensland
- Medical device manufacturing in Queensland is a significant and growing industry that contributes to the development of innovative healthcare solutions

Digital health

- Queensland is at the forefront of testing, trialling and developing digital health initiatives
- eHealth initiatives in Queensland include the 'integrated electronic medical record' (ieMR), telehealth and the national My Health record
- Queensland is a leader in digital health, with ieMR systems implemented across its public hospital network

Clinical trials

- State-of-the-art clinical trial network includes hospitals, research institutions, universities and private enterprise
- Government investment in biomedical initiatives is attracting businesses to relocate or establish new projects
- Streamlined clinical trial processes enabling rapid study start-up, typically within 4–6 weeks
- Early-phase clinical trials in Australia are estimated to cost 28% less than in the US before tax incentives, and up to 60% less after tax incentives

Tropical health

- With around half of its land located in tropical regions, Queensland is well positioned to support leading research and innovation in tropical health and biosecurity
- Queensland is home to Australia's only dedicated tropical health and medicine research institute
- There are 160+ infectious disease group leaders and independent researchers across Queensland
- The tropical health research cohort has published 40 influential research papers over the past five years

A skilled and growing workforce

Queensland's biomedical industry employs nearly 27,000 people and continues to attract strong interest from young professionals entering science, engineering, health and technology careers.

The state's talent pipeline is supported through six universities ranked among the world's top 500, alongside more than 360 international education and training providers. By 2028-29, around three quarters of Queensland's workforce will hold a post-secondary qualification, strengthening productivity and innovation across the sector.

Queensland's biomedical workforce is concentrated within five major health and knowledge precincts, supported by eight research universities, nine research hospitals and more than 230 biomedical businesses.

Backed by a $5 billion investment, the Queensland Government's *Right Skills Strategy 2025-2028* brings together government, industry, registered training providers, educators and students to further strengthen the state's capacity to meet industry demands.

For businesses and investors requiring additional international expertise, Queensland offers tailored support to attract the best and brightest global talent. Dedicated assistance is available to international employers and investors, guiding them through workforce migration options and helping secure specialist skills to grow their operations in Queensland.

Whole body MRI, Mermaid Beach

Mature and reliable infrastructure

Queensland's health infrastructure is nationally recognised for its scale, innovation and integration across clinical, research and digital domains.

The state's 16 hospital and health services deliver public healthcare through a statewide network of more than 100 hospitals and a broad range of health facilities across metropolitan, regional and remote communities. This breadth supports diverse clinical trials, population health research and real-world testing environments.

Ongoing investment is delivering new hospitals, expanded facilities and upgraded services statewide. Flagship health and knowledge precincts integrate hospitals, research institutes and universities to foster collaboration and innovation.

Queensland is also a leader in digital health with integrated electronic medical records, real-time data platforms and a telehealth network connecting patients and clinicians across vast distances. Advanced digital systems support AI, robotics and smart health technologies, positioning Queensland at the forefront of modern healthcare delivery.

Leadership in health regulation and governance

Queensland sets the benchmark for a stable, transparent and trusted regulatory environment for biomedical and health technology companies.

A robust legislative framework governs public health, hospitals, medicines and healthcare delivery, aligned with Australia's nationally consistent health practitioner system. High regulatory standards apply across biomedical goods, aged care and cosmetic procedures, while streamlined processes support innovation in clinical trials, digital health and biomanufacturing.

Inclusive governance is a core strength. Queensland prioritises fair and safe work conditions, culturally safe care and meaningful engagement with local communities and stakeholders, supporting strong social license and long-term sector resilience. These settings reinforce Queensland's reputation as a secure, future-focused and commercially reliable partner for global biomedical investment.

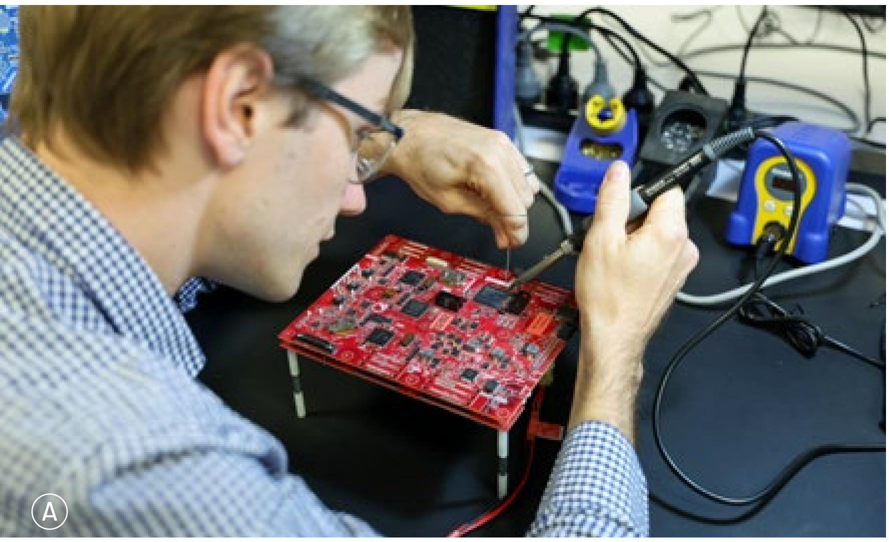
Support and incentives

Queensland actively backs industry growth through a coordinated suite of government programs, strategic partnerships and tailored investment facilitation. This whole-of-government approach brings together policy, infrastructure, funding and industry capability to support businesses — from early research and development through to commercialisation and global expansion.

The Queensland Government's Sovereign Industry Development Fund (SIDF) demonstrates this commitment. With $180 million dedicated to strengthening sovereign industrial capability, the fund supports projects that build advanced biomanufacturing capacity, accelerate medical technology development, and enhance Queensland's ability to deliver critical, high-value industries.

The SIDF demonstrates the the Queensland Government's long-term investment in priority sectors and its focus on building globally competitive capability.

A. Medical digital technology
B. Vaxxas needle free vaccine


A


B

Vaxxas employee with needle free vaccine

BiVACOR heart

Case study

Vaxxas is pioneering a revolutionary needle-free vaccine delivery platform that aims to transform global immunisation.

Its High-Density Microarray Patch (HD-MAP) uses thousands of microscopic projections to deliver vaccines directly to the abundant immune cells just beneath the skin's surface. This approach enables strong immune responses with smaller vaccine doses, removes the need for cold-chain storage for many formulations, and eliminates the discomfort and hesitancy associated with traditional needles.

Vaxxas established and continues to grow its advanced manufacturing and research and development footprint in Queensland, where it is scaling production of its HD-MAP technology to support late-stage clinical development and global commercialisation. The Queensland Government has played a pivotal role in this growth, supporting Vaxxas to establish a large-scale GMP manufacturing facility in Brisbane. Trade and Investment Queensland (TIQ) has also been integral, assisting the company through export and capital-raising activities, advocating for its world-leading technology, and facilitating connections with investors, strategic partners and global agencies.

The state's innovation ecosystem, combined with its world-class research institutes and clinical partners, makes Queensland one of the few places globally where a platform like HD-MAP can move from concept to commercial reality. It's the ideal base for developing a technology with the potential to reshape vaccine delivery worldwide.

Vaxxas vaccine production

Vaxxas needle free vaccines

BiVACOR

Case study

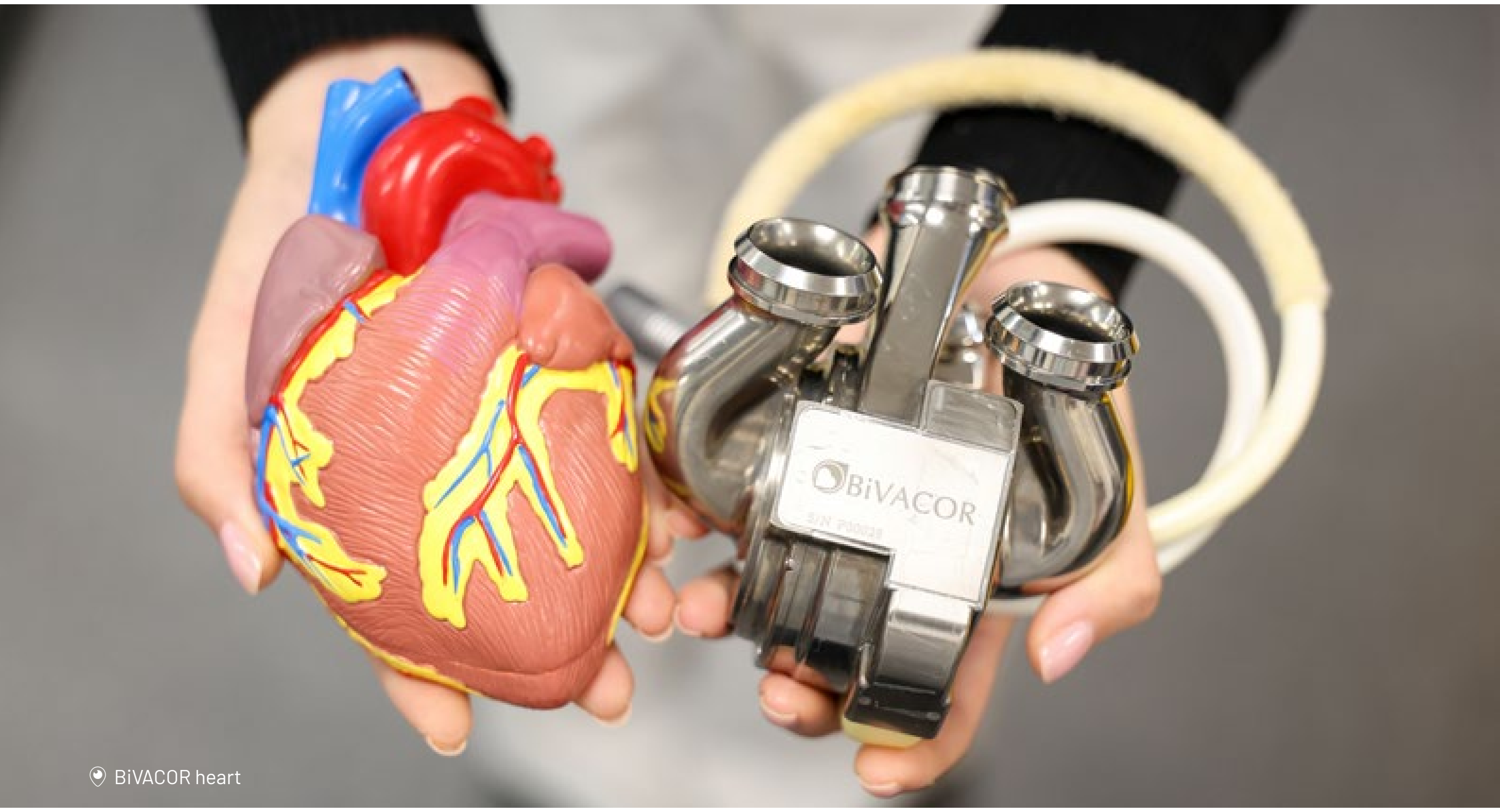
BiVACOR's Total Artificial Heart aims to become the world's first viable alternative to heart transplants.

The fist-sized titanium device pumps blood around the body using just one moving part – a small rotor – that's held in place magnetically, drastically reducing mechanical wear and tear, and designed for long-term use.

BiVACOR established its international research and development presence at the Gold Coast Health and Knowledge Precinct (GCHKP) in 2021 to complete final research and experimentation ahead of human trials.

According to Founder Dr Daniel Timms: 'Precincts like the GCHKP, where there's a university, a hospital, and an innovation space within walking distance of each other, are exceptionally rare... it was a no-brainer for us to join'.

'Tapping the incredible talent from Queensland and creating more bridges between Australia and the US enables ideas to synthesise while supporting their global visualisation – something vital when bringing any big medtech idea to life.'



BiVACOR heart

GET GOVERNMENT SUPPORT FOR DOING BUSINESS WITH QUEENSLAND

Trade and Investment Queensland (TIQ) is the Queensland Government's global business agency, facilitating high-value partnerships and guiding businesses to navigate the unique opportunities our state offers.

Whether you are new to Queensland or looking to expand your business or investment across the state, TIQ can help you find the right business opportunity to help meet your objectives.

TIQ supports potential business partners by helping you:

1. connect with export-ready businesses and investment-ready projects
2. access sector-specific market intelligence and regulatory insights to inform decisions
3. engage through site visits, missions and strategic introductions
4. leverage government programs and cross-agency support
5. access tailored assistance for business case development, market entry and expansion

TIQ offers these services at no cost to you.

The University of Queensland, St Lucia

AUSTRALIA
QUEENSLAND
of OPPORTUNITY

Is your business ready to take advantage of the QueensLand of Opportunity?

Learn more about support for your future success through Trade and Investment Queensland.

QUEENSLAND *of* OPPORTUNITY

Queensland Government

TIQ TRADE + INVESTMENT QUEENSLAND