



The Problem

Supply and cost of specialty proteins LIMITS experimentation and the DEVELOPMENT of NEW DRUGS.

**The proteins most critical to
disease research cost more
than**

\$10 million per gram

**Current manufacturing is
complex, time consuming,
labour intensive, expensive
and 40 years old.**



The Vision

Pharmaceutical and Biotech companies can **DO MORE, LEARN MORE, DISCOVER MORE** to **stay ahead of disease.**

Developing a bioreactor to produce insulin in space...

OmnigenIQ Adapts Bioreactor Technology for Use in Space

BY SND_ADMIN ON NOVEMBER 21, 2024

SPACE EXPLORATION, TECHNOLOGY, VIRTUAL REALITY

An Adelaide start-up has adapted its world-first bioreactor technology for deployment in space, meaning biological supplements essential for human health in zero-gravity environments could be produced en route to Mars or beyond, rather than transported or resupplied from Earth.

OmnigenIQ is developing the first self-contained protein purification and bioreactor system for use in space. The system synthesises proteins vital to maintaining muscle

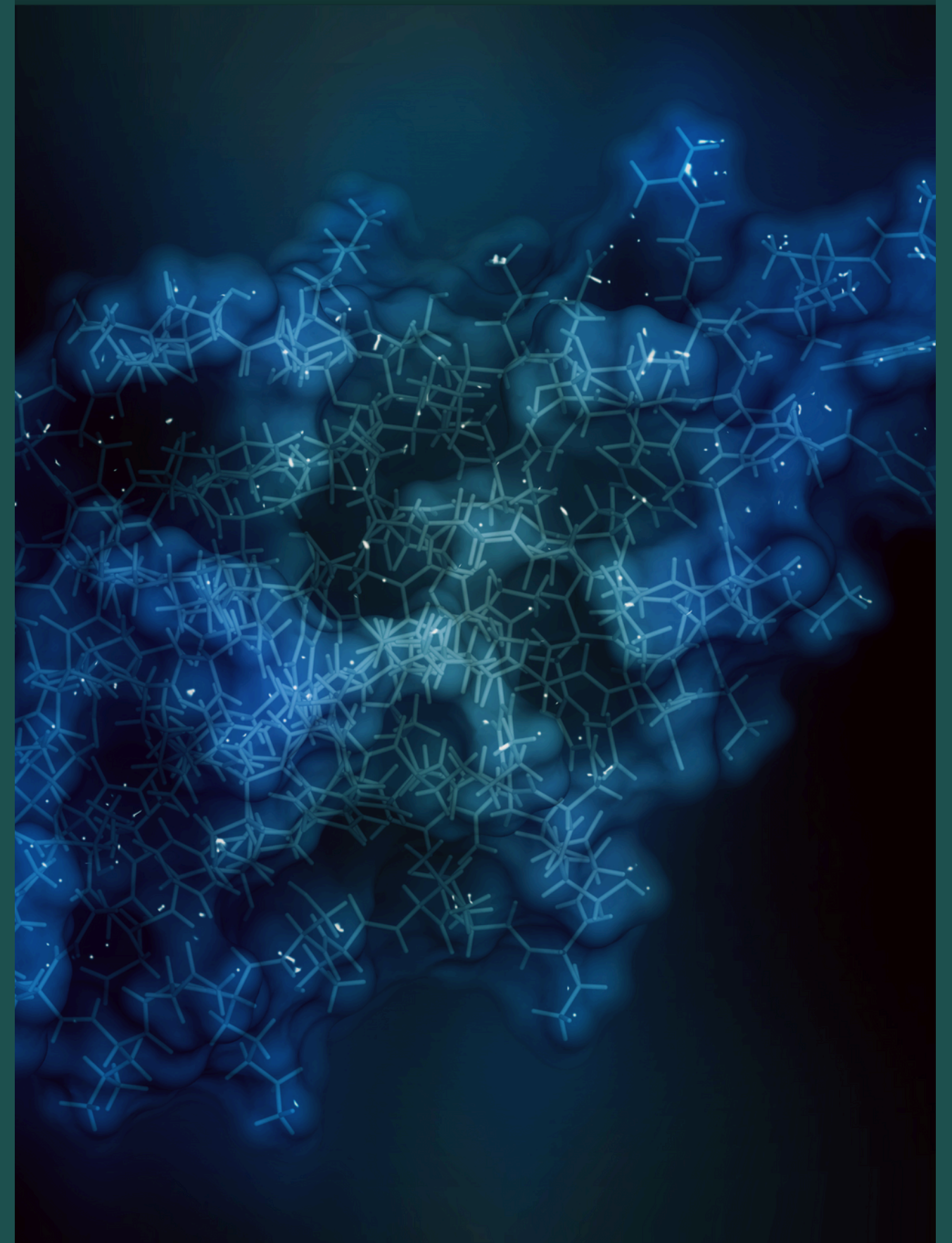


**Led to a
BREAKTHROUGH
method to harvest
high value proteins.**

Introducing ProgeniQ ProteinsTM

A world-first manufacturing method to:

- Accelerate disease research
- Reduce instances of failure
- Help target winning pharmaceuticals



NO Genetic engineering

NO Recombinant DNA

NO Cloning

NO Cell lysis

NO Protein Misfolding

Our breakthrough technology

- 1/ EFFICIENT extraction from minimal samples**
- 2/ HIGHER purity and CONSISTENT batch quality**
- 3/ SCALABLE processing and IMPROVED yields**
- 4/ SAME DAY extraction and purification**
- 5/ PRESERVES native structure and function**

Get In Touch With Us

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