

# ANIMAL-BASED THERAPEUTICS

## NEW ZEALAND DELIVERS BIOSECURITY ADVANTAGE

Thousands of miles of ocean and an uncompromising approach to border control have created a natural barrier for New Zealand, securing its place as one of the world's leading biosecurity locations.

New Zealand has an unrivalled position with its impeccable animal health status, food safety and traceability programmes. New Zealand-originated materials are sought after as the safest ingredients available for large-scale drug development processes. International companies developing human therapeutics that require animal-derived ingredients recognise that New Zealand is now one of only a handful of viable sources world-wide.

New Zealand has worked hard to meet the need for the highest quality, fully traceable ingredients for drug discovery and pharmaceutical manufacturing processes. The high degree of technology employed on New Zealand's farms is being leveraged to ensure fully traceable ingredients are produced to assist this vital industry.

## COMMERCIAL SUCCESS

New Zealand is an acknowledged world leader in agricultural and animal health expertise. Many of the country's universities and research institutes have a strong focus on agricultural research technology forming the basis of a sound agri-bio industry.

New Zealand has some of the world's strictest quarantine and customs controls, ensuring the country remains free of all diseases categorised as List A by the OIE, including transmissible diseases such as scrapie and BSE. Highly sophisticated traceability systems provide unparalleled tracking of animals for the food and pharmaceutical ingredient industries, to the point of tracing individual products back to the farm from which the animal originated.

As a nation with its foundations set firmly in agriculture, New Zealand is highly regarded for its use of technology and sophisticated animal management systems: agricultural technology is a billion dollar export industry. The growing biotechnology sector is fuelled by a highly educated, flexible and multi-skilled workforce and supported by a depth of experience in animal-based products from equine to bovine, and with extensive expertise in sheep-oriented research.

International companies are benefiting from New Zealand's experience in animal management and capturing a valuable market niche in the biotechnology industry with New Zealand-sourced animal products. They are building on New Zealand's disease-free animal health status and experience in producing safe ingredients and products for large scale drug development processes. New Zealand's capabilities include GMP manufacture of pharmaceutical ingredients, sera, animal derived proteins and extracts and tailored antibody production.

The country's geographic isolation makes it an ideal option for companies to minimise risks associated with using animal-based ingredients in their manufacturing processes. Locating in New Zealand is an ideal way to mitigate the potential impact of transmissible diseases on the international trade of animals and animal products.

To find out how your business can benefit from the world-class biotechnology sector in New Zealand, contact Investment New Zealand, the investment promotion agency of the New Zealand government. Investment New Zealand has played a key role in developing the country's biotechnology connections internationally and can identify investment opportunities relevant to you.

[www.investmentnz.govt.nz](http://www.investmentnz.govt.nz)