



DID YOU KNOW

IRL helped a Wellington-based company develop novel wound-healing products based on sheep stomachs, opening up a market worth potentially more than US\$1 billion.

IRL scientists assisted Mesynthes Limited in converting parts of sheep stomachs into a ready-to-use tissue substitute, called Endoform, that has been shown to speed up healing and stimulate regrowth of the recipients' own tissue.

IRL helped Mesynthes identify and better understand the biological components in its products and assisted in the development of a commercial scale manufacturing process which uses biomimicry, in which the natural properties of the tissue are harnessed to aid its processing.



WHAT DOES THIS MEAN?

Once applied to the wound bed, Endoform guides the growth of cells and new tissue and over time is completely replaced by the patient's own tissue.

Endoform speeds up recovery and greatly reduces treatment costs. Its applications range from traumatic injuries and surgical sites to helping heal chronic wounds.

Having achieved FDA approval for Endoform, Mesynthes is ready to launch the product, and is aiming for revenues of \$40 million to \$50 million within five years.

