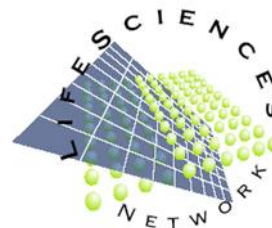


**Submission to FSANZ**

**Re: Approval of Leghaemoglobin**

**14<sup>th</sup> February 2020**

**From : The Life Sciences Network Inc.**



Application/Proposal Number	A1186
Organisation Name	Life Sciences Network Inc
Organisation Type:	Other
Representing:*	Science and Industry bodies
Street Address:*	
Postal Address:*	
Contact Person:*	
Phone:*	
Email Address:	z

The Life Sciences Network supports the approval of soy leghemoglobin derived from *P.pastoris* for use as a source of iron, aroma and flavour in meat analogue products

### **Background**

Impossible Foods Inc. wishes to supply and market into Australia and New Zealand product containing soy leghemoglobin derived from genetically modified *Pichia pastoris* (*P. pastoris*). FSANZ is seeking information to inform its decision on this approval.

### **Reasons for support of this application:**

1. While it is noted that the analogue meat products which are the subject of this application may compete directly with traditional New Zealand products, in particular meat derived from sheep and cattle, New Zealand supports the free trade of product provided it meets objective criteria for safety and biosecurity.
2. The product will expand the choice of consumers.
3. The product has been tested and assessed for safety and nutritional impact and has been approved in other jurisdictions, namely the USA, Hong Kong, Macau and Singapore and there have been over 20 million servings of the meat analogue products with no reports of adverse events.
4. It is intended the product will comply with FSANZ labelling requirements.
5. The product will be used within specified concentration limits.
6. The approved use of genetic modification in food production has a significant track record of safe use. This has been reviewed by the National Academy of Sciences. Thus there is no justification to decline this application simply on the grounds it contains ingredients produced through the use of genetic modification. (National Academies of Sciences, Engineering, and Medicine. 2016. Genetically Engineered Crops: Experiences and Prospects. Washington, DC: The National Academies Press. <https://doi.org/10.17226/23395>.)