

# ruminexus

---

*Responsible food, sustainable planet*



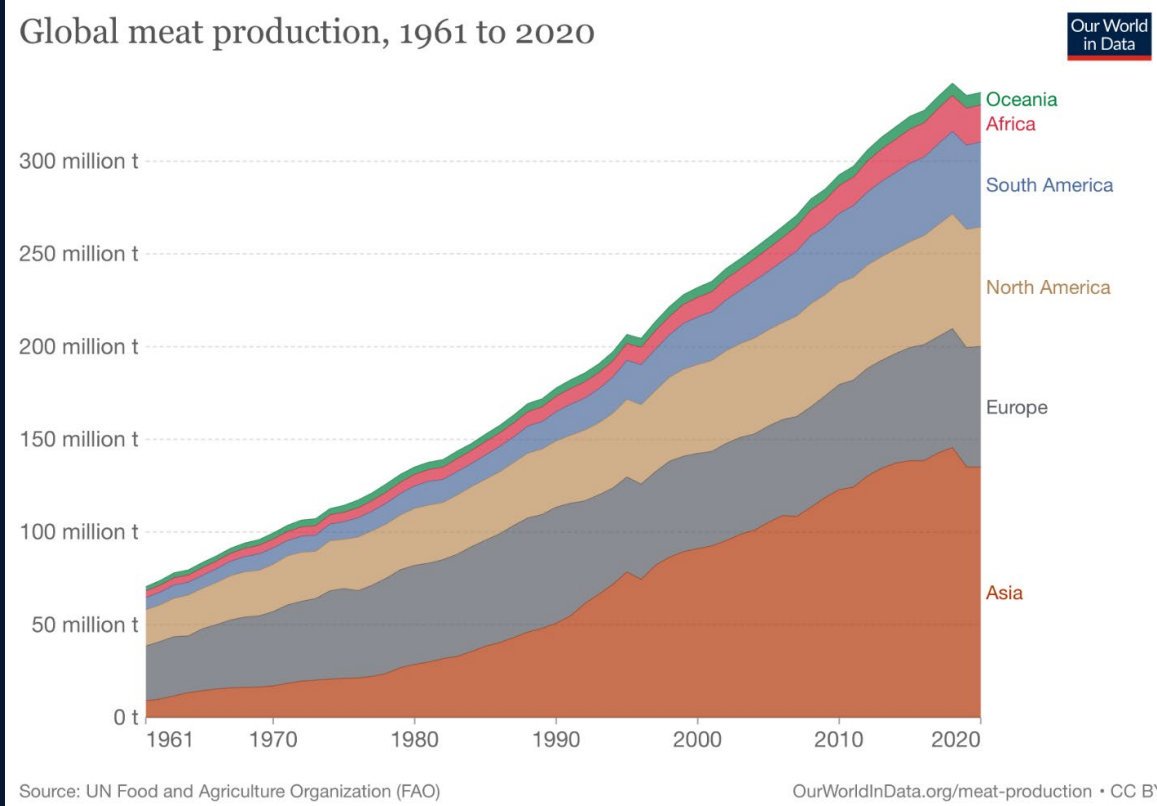
# our ambition

---

Creating sustainable livestock farming with zero emissions



# agricultural methane emissions



Consumer meat & milk demand



Climate change & global warming



# Our goal

- Persistently lower emissions without toxic effects for animals, humans and the environment
- Low cost and easy to implement
- Increase productivity and profitability

# Our solution - protein supplement



Natural building  
blocks

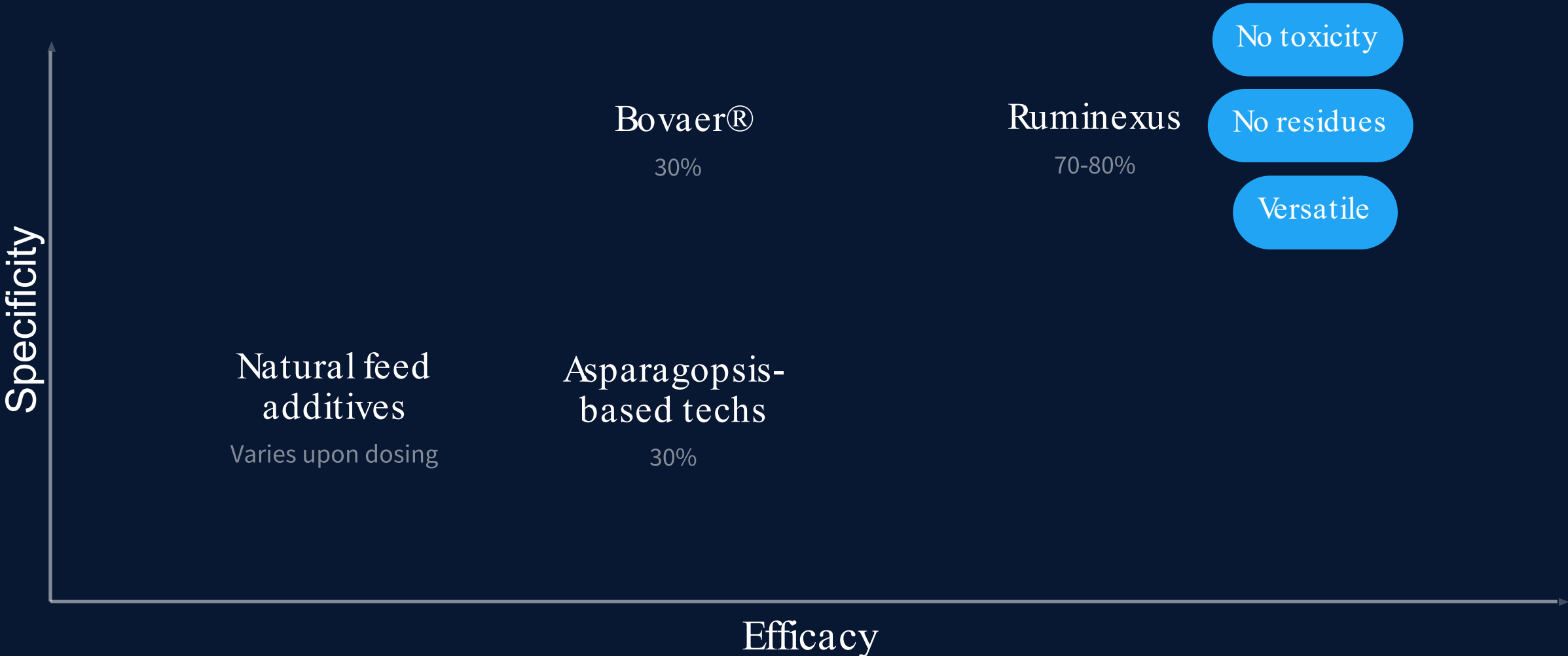


Rational design,  
highly specific



Easy to manufacture  
at scale

# Our competition landscape



# our value proposition



## Farmers/producers

- High-value premium products
- Baseline requirements
- Increased productivity and profitability
- Sustainable agriculture



## Consumers

- Environmentally responsible food
- Sustainable planet



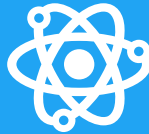
## Governments

- National and international obligations
- Sustainable economy

# our intellectual property



Target  
identification



Inhibitor  
discovery



Methane  
reduction



Formulation,  
delivery

# our market size

## Global livestock

- >1.5 billion cattle
- >1 billion sheep
- >1 billion goat

## Technology cost

- GHG emission tax *vs* unit price
- Uplift in production

## Potential gross revenue

- NZ (9.7 Mcattle): \$261.9 Mper annum
- Australia (28.2 M cattle): 129.6 Mper annum

*(30% market penetration, \$90/cow/year)*

# our team

## Science



**Dr Ghader Bashiri**

Founder

Biochemistry and  
Biotechnology

University of Auckland

[www.BashiriLab.org](http://www.BashiriLab.org)



**Dr Yuliana  
Yosaatmadja**

Postdoctoral fellow



**Tessa Choy**

Research technician



**Ji-Won Choe**

MSc student



**Dr Aran Sisley**

Commercialisation  
Manager

Auckland Uniservices Ltd.



**Dr Kimberlee Jordan**

Senior  
Commercialisation  
Manager

Auckland Uniservices Ltd.

Funders



# our ask

- Early-stage investors and collaborators to support the spin-out of our technology and help us reach a Series A in 18-24 months
- Key milestones
  - Animal trials
  - Commercial development

# ruminexus

---

*Responsible food, sustainable planet*

