



# shiru

Functional ingredients for the  
global food industry.



Functional  
ingredient  
discovery for a  
more sustainable  
global food  
system

## At a glance...



### **Founded**

In 2019 by Dr. Jasmin Hume



### **State-of-the-art HQ**

in Alameda, CA



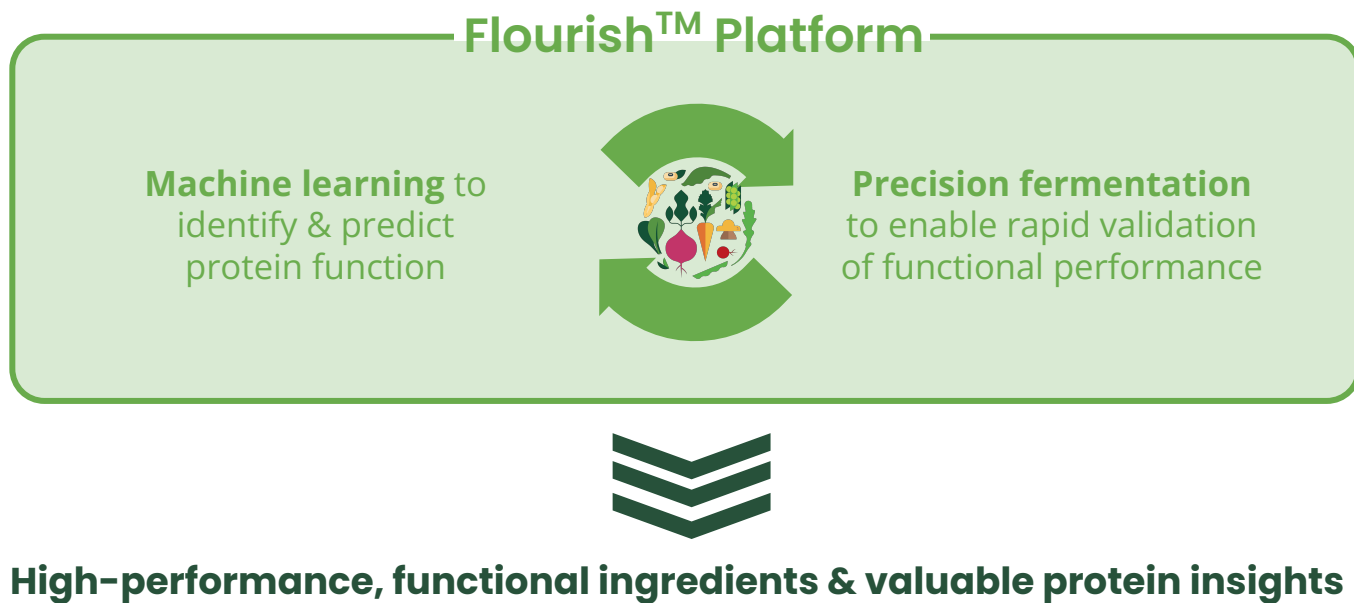
**30 team members**

The world of natural proteins is vast  
and largely unexplored.

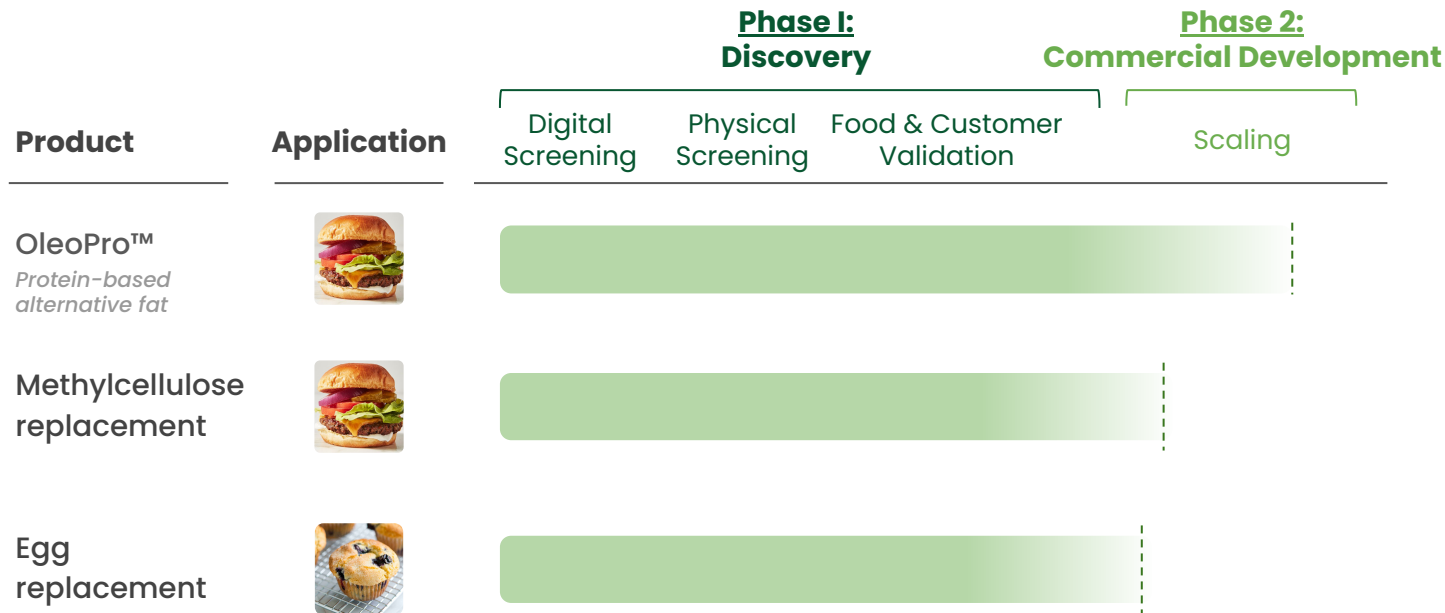
Shiru uses Flourish™ to develop  
**high-performance, protein-based  
ingredients.**



The only discovery platform connecting nature-identical proteins with their performance in foods.



# Product pipeline



OleoPro™

## Fat solutions for plant-based have performance challenges



*Oil leakage from coconut oil in plant-based patty*

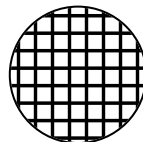
And face additional challenges in **sustainability & health impact**

## OleoPro™ is a Compelling Solution



Liquid oil

+



Unique, non-GMO plant protein scaffold developed with Flourish™



OleoPro™



OleoPro™ is a **plant-based structured fat enabled by protein scaffolds** that mimics performance of animal-based fat tissue.

# OleoPro™ is a High-Performance Fat Solution for Alt Meats

	<u>Performance</u>	<u>Health</u>	<u>Sustainability</u>
<b>Animal fats</b> <i>Lard, tallow, butter</i>	✓	✗	✗
<b>Unsaturated Plant Fats</b> <i>Rapeseed oil, sunflower oil</i>	✗	✓	✓
<b>Current Alternatives</b> <i>Coconut oil, palm oil</i>	✓	✗	✗
<b>OleoPro™</b>	✓ Juicy, fatty mouthfeel	✓ Minimal saturated fat	✓ Sustainable plant oils



# OleoPro™ Performance Targets

Semi-solid and self-standing at room temperature



Off-white color



Smooth and lubricating



Delivers on mouthfeel and juiciness



Browns when cooked



Elevated nutritional profile



Coconut Oil



OleoPro™

*Higher oil leaching in coconut oil (left) than OleoPro™ (right).*



# OleoPro™ launched last month

## Introducing Nourish Ventures

### Crispy Chik'n Karaage

Inspired by popular Japanese fried chicken; this product features fermented pea and rice protein (Mycotechnology), protein-based alternative fat (Shiru) and brewer spent grain breading (ReGrained).



Publicly showcased in plant-based chicken karaage at Future Food-Tech SF & in plant-based meatballs

To learn more, visit:  
[www.shiru.com/oleopro](http://www.shiru.com/oleopro)

