

# Yael Prigat Goldfriend

FOOD TECHNOLOGIST AND SCIENTIFIC RESEARCHER



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## Experience

### INNOVATION AND TECHNOLOGY - REDEFINE MEAT

2021 – PRESENT

Long term research with potential for IP or technological pillars for the product development.

Leading a team of food scientists conducting research on different topics, such as:

- Mimicking beef fat tissue for meat alternatives
- Testing and exploring novel ingredients
- Analytical research on beef cuts and their mechanical and sensory properties
- Partnership with academic research on plant-based proteins and their characteristics

Direct management of 4 employees.

### RESEARCH AND DEVELOPMENT

2019 – 2021

#### ZERO EGG

Full responsibility for the technological development of the products, their quality and performance:

- Development of new products based on specific marketing demands such as: allergen-free, high protein, clean label etc.
- Establishing quality methods to test the products' shelf life and functionality
- Scouting and testing different ingredients to improve products' functionality and pricing
- Test different pasteurization technologies to extend shelf life of product
- Responsibility for inventory, applications, label-creation, microbiological and chemistry tests, etc.

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## Skills

- Scientific research
- Project management
- Ingredients
- Analytical methods
- Sensory panels

## Education

### MASTER SCIENCE – CHEMISTRY

2016 – 2018

#### HEBREW UNIVERSITY OF JERUSALEM

thesis grade 88.5

### BSC – BIOCHEMISTRY AND FOOD SCIENCES

2013 – 2016

#### HEBREW UNIVERSITY OF JERUSALEM

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## Contact

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## Publications

Novel plant proteins used in 3D printed meat analogues:

relationship between protein physicochemical and functional characteristics. Eur. Food Res. Technol.

<https://doi.org/10.1007/s00217-023-04297-8>

Micro-characterization of modified microemulsions loaded with gossypol, pure and extracted from cottonseed. Colloids and Surfaces B: Biointerfaces. ISSN 0927-7765,

<https://doi.org/10.1016/j.colsurfb.2019.05.004>