



TFTAK

Passionate about innovation,
food research and biotechnology

Focused on creating successful products

- Plantbased meat and dairy alternatives
- Functional foods and beverages
- Alternative proteins
- Bioprocess research



WHY COOPERATE?

- Full development service and support from: Idea | Lab | Pilot | Production scale
- Full characterization of the prototype products: Chemical | Physical | Sensory | Microbiological
- Focused and motivated on creating successful products with high nutritional value and superior sensory qualities
- Continuously up to date on new ingredients and technologies. Clean label approach
- Investing time and effort to study the technological aspects and optimize processes
- Controlled fermentation and quantitative analysis of metabolism.
- Design, develop and troubleshoot various microbial processes (bacteria, yeast, fungi)
- Established in 2004, 110 employees, 25% with PhD degree, 15% PhD students

RECENT AWARDS

- XPRIZE finalist 2023!
- GFI and Horizon Grant 2023
- Best Estonian Food 2022!
 - The Best Milk Product 2022
 - The Best Non-Alcoholic Drink in 2022
 - The Best Food With Added Value in 2022
 - Award by Tallinn City for plant-based burger



FIELDS OF EXPERTISE



FOOD RESEARCH: Functional health promoting foods and beverages, fermented foods' technology, plant-based meat and dairy alternatives, sensory and consumer research, dietary invention studies, shelf-life packaging.



BIOPROCESS OPTIMIZATION: High-throughput cultivation techniques of bacteria and filamentous fungi, co-cultivation of microbial communities, In vitro studies of human gut microbiota - evaluation of the effect of foods and ingredients.



ANALYTICS: Microbial modeling and bioinformatics, high-throughput metagenomic sequencing of microbial communities, human microbiome analyses, chemical and physical analyses.

AGILE PRODUCT DEVELOPMENT



Idea Problem



Development at lab scale



Testing at pilot scale



Testing at production

CONTACT

TFTAK
 Center of Food and Fermentation Technologies
 info@tftak.eu
 tftak.eu
 Tallinn ESTONIA

Developing innovative solutions for the food and biotechnology industry!