

פודטק בצפון-



חדשנות מחקרית ואקדמית

מועצת החלב

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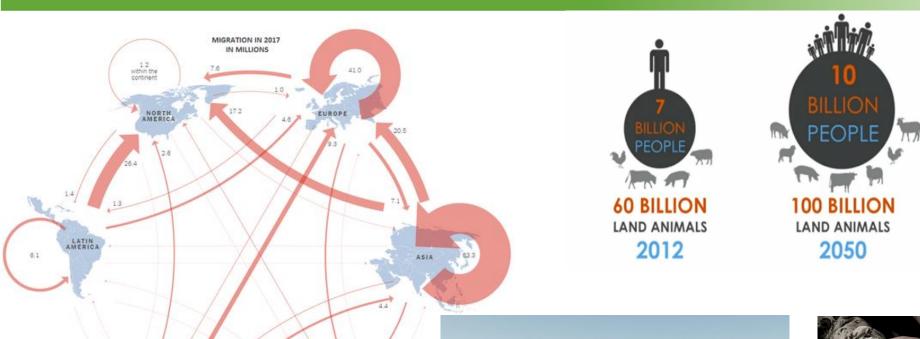
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What will be in our future plate on 2040?



World is facing dramatic changes







People migration (2017)

Global warming – change our food system

Hunger – increase in poverty

What is FoodTech?

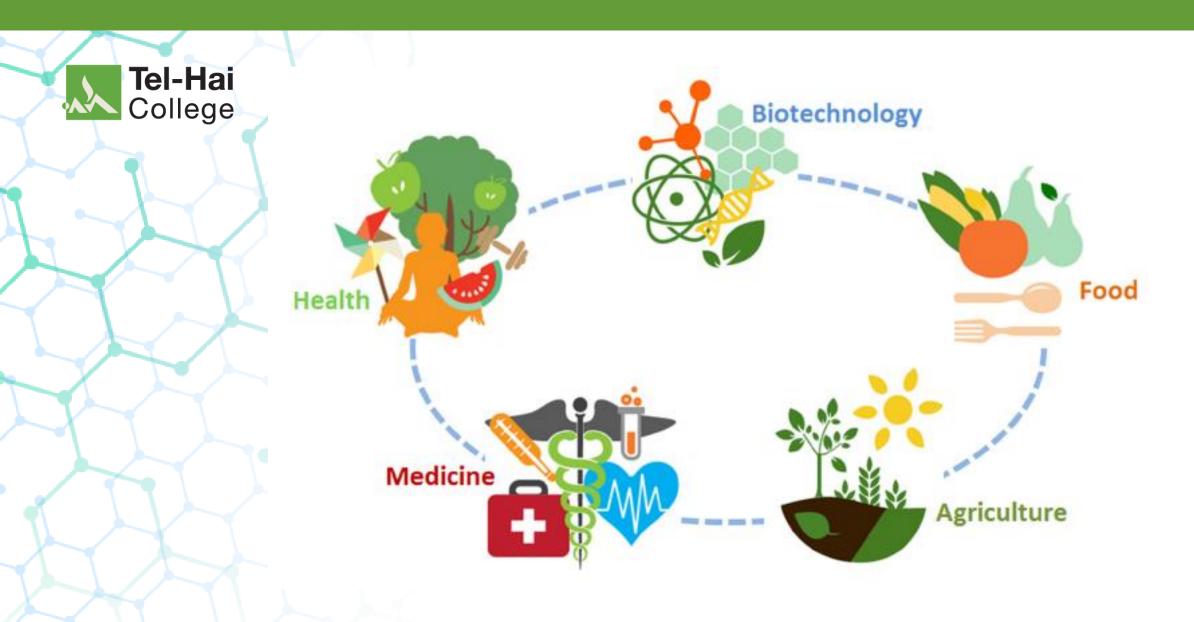


Intersection between **food** and **technology**

The application of technology to improve agriculture and food production, the supply chain and the distribution channel.



Transforming strengths into opportunities





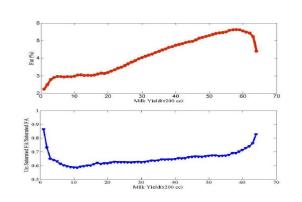
Innovations in FoodTech – North

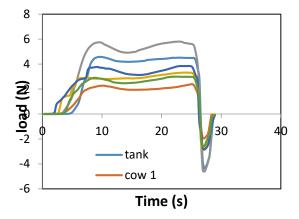


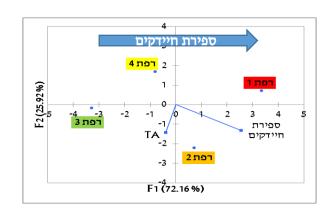
Tel Hai FoodTech Research – Dairy science

השפעת פרופיל חומצות שומן בחלב על תכונות תזונתיות וחישתיות של מוצרי חלב

מחקר על שימוש בלשון ובאף האלקטרוניים לזיהוי מוקדם של גורמי קלקול בחלב







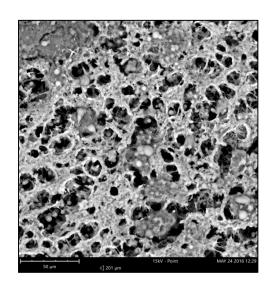


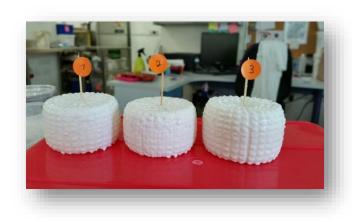


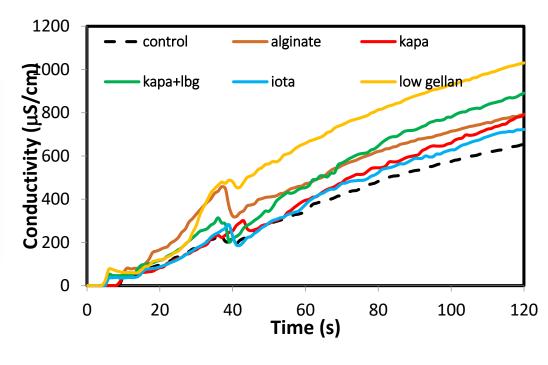


Tel Hai FoodTech Research – salt and sugar reduction

מחקר על הפחתת מלח בגבינות צפתית







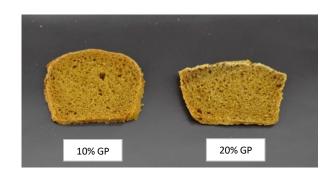
Tel Hai FoodTech Research – Edible insects

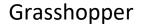


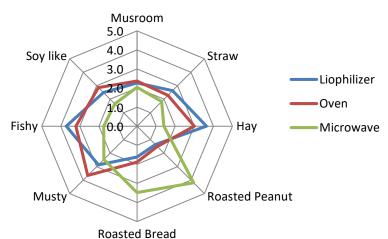






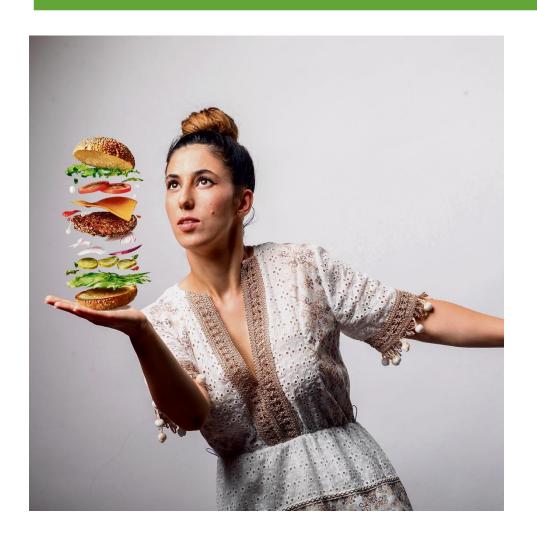








Tel Hai FoodTech Research – meat replacement





מחקר על תחליפי בשר מקינואה (מענק GFI)











Apples Waste

The Golan Heights

105K Tons

Apples a year

7-10% = 10K Tons

Apples Waste

25M NIS

Loss in a year

Starking

17K | 7% Waste

Golden

8K | 3% Waste

Granny Smith

13K | 2% Waste

Gala

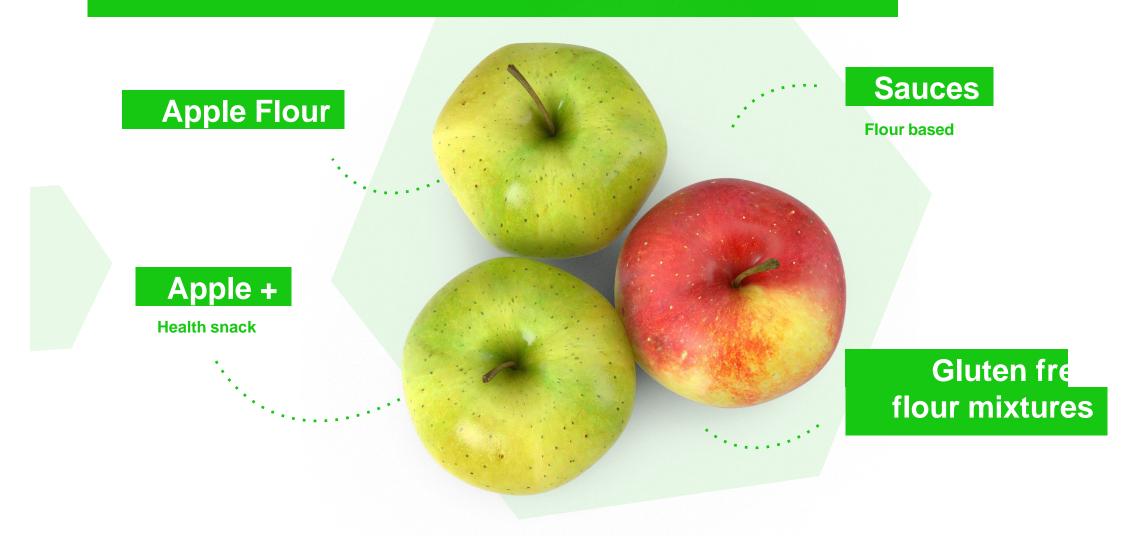
4K | 5% Waste

Pink Lady

13K | 2% Waste

The solution

Druze Foodtech center



The Department of Food Science





Product Development Course

Tel-Hai College

- 1. Rich in protein
- 2. Local production
- 3. Clean label
- 4. Vegan, vegetarian
- 5. Environmental friendly
- 6. Healthy, nutritious
- 7. Exotic, unique
- 8. Innovative,

"out of the box thinking"



Seeds of food institute



- √ New analytical research lab
- Research on healthy food
- The most advanced food sensory lab in Israel
- ✓ Product development kitchen
- Dairy pilot plant
- Educational winery
- √ Service to industry
- Seminar and day trips for industry in the College



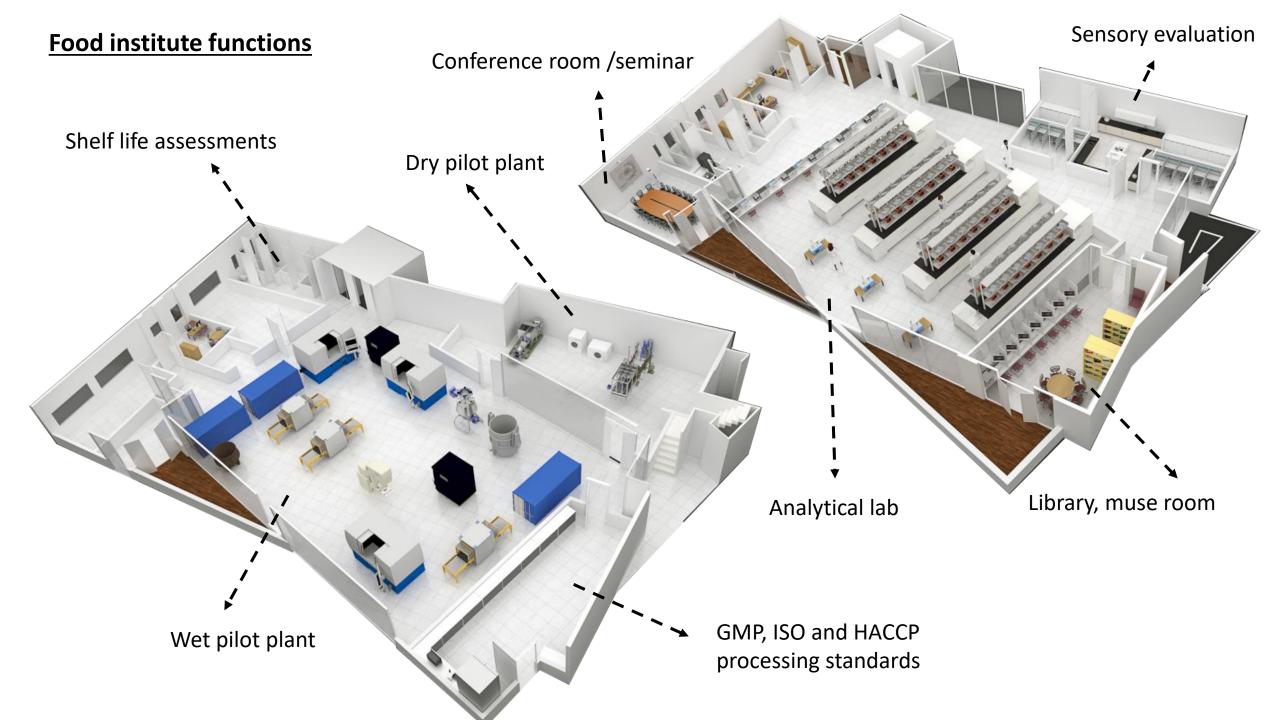


The Food Institute will serve as a nexus of innovation and applied research between the academia, the food industry and the FoodTech entrepreneurs in Israel and around the world.



The Potential





From an Idea to a Business Initiative





Investors, funds

Business mentoring

service

pilot plant

product development, research

consultancy - regulations, quality, safety

R&D in Galilee

AA priority support

Lets make this dream come true...



MIGAL
Galilee Research Institute LTD.

Tel-Hai College

Innovation's True North