

60TH
anniversary



#NOMATTER WHAT

YISSUM NEWSLETTER
SPRING 2024

2023 BY THE NUMBERS

260+ Start-Ups

3,500+ Inventions

550+ Active Patents

1,160+ Licenses





YISSUM INNOVATION

At the end of 2023, Israel faced its share of challenges, yet the resilience of academic and research institutions remained steadfast. While many of our researchers went to serve to protect Israel's borders and the semester was delayed, we continued to produce new collaborative methods and pushed the boundaries of technological advancement, even in the face of adversity.

Amidst this backdrop of innovation, Yissum companies such as Wonder Veggies revolutionised the agricultural landscape by providing a solution to probiotics. The pioneering work of Professor Haitam Amal in health technology, particularly in creating the company Point 6 Ltd., showcased Israel's dedication to advancing healthcare solutions for Autism. In 2023, sixteen new companies were established based on technologies coming out of Yissum and the Hebrew University, up from 9 from the previous year. This is a remarkable achievement as we celebrate 60 years, our diamond anniversary, of supporting the Hebrew University's tech transfer process.

The year 2024 will find us supporting pressing global issues, with a focus on coping with emergency situations, ensuring food security, and supporting Israeli agriculture. Through collaboration, research, and entrepreneurship, Yissum continues to play a pivotal role in shaping a brighter, more resilient future for Israel and the world.

Wishes for a spring full of growth and a Passover where we are redeemed from all that burdens us.

Dr. Itzik Goldwasser
CEO



»» GREATEST DISCOVERIES OF 2023

The Hebrew University nominated and showcased six successful companies for Yissum to facilitate their transition from academia to the industry.

>> [Click here to read more](#)

AWARDS & NEW PARTNERSHIPS



CHICKP CELEBRATES AWARD

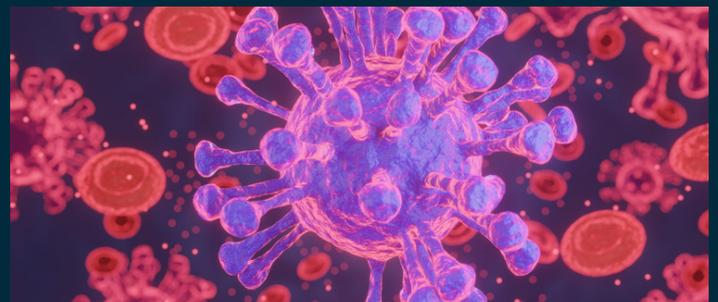
ChickP received recognition in the Plant-Based Innovation category at the Fi Innovation Awards 2023.

Established in 2018 by Prof. Ram Reifen, ChickP is creating functional chickpea proteins for a myriad of applications including for use in meat and dairy-like foods, beverages, pastries, snacks and cereals. >> [Read more here](#)

BIOBETTER INNOVATES FURTHER CELL DISCOVERY

BioBetter has received the prestigious 2023 World Cell-based Innovation Award for Best Cell-Based Business by FoodBev Media.

Established in 2015 with technology based on research by Prof. Oded Shoseyov at The Hebrew University of Jerusalem, BioBetter has developed a sustainable platform that will help the cultivated food space thrive and become an integral part of the future of food. >> [Read more here](#)



»» FORSEA EXPANDS TO MARKET IN ASIA

Forsea was established in 2021 with the research of Prof. Yaniv Elkouby of The Hebrew University of Jerusalem. This marks a major stride in Forsea's mission to expand their footprint and impact in Asia. >> [Read more here](#)



»» SAVOREAT PARTNERS WITH THE UNIVERSITY OF DENVER

The University of Denver, Sodexo, and SavorEat unite thanks to technology invented by Prof. Oded Shoseyov and Prof. Ido Braslavsky. >> [Read more here](#)

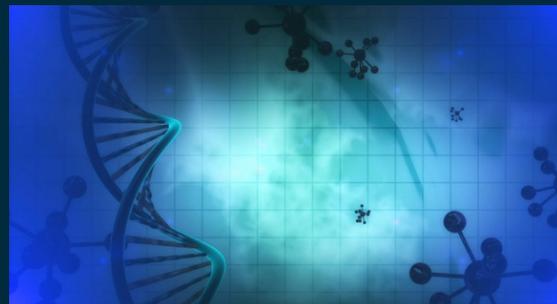
TECHNOLOGIES IN THE SPOTLIGHT



SAFER REPLACEMENT FOR NITRITE IN PROCESSED MEATS

Professor Oren Tirosh is introducing NAC-SNO as a solution for a better and healthier preservative compared to nitrite. Contact Dr. Ilya Pittel for how to support this emerging technology.

>> [Read more here](#)



NEW STRATEGY IN CANCER IMMUNOTHERAPY

Novel T cell and NK cell based immunotherapeutic strategies are emerging as successful cancer treatments. Professor Michal Baniyash offers new technology-enhancing methods and looking for partners to advance the field.

>> [Read more here](#)



MANAGEMENT OF VESSEL BIOFOULING

The maritime industry has long been faced with challenges regarding biofouling on vessels. Professor Yoel Sasson has discovered a unique technology to battle this threat.

>> [Read more here](#)

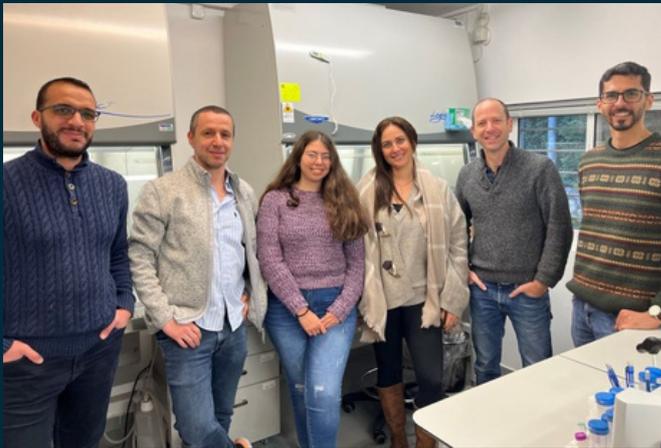


NON-INVASIVE TECHNOLOGY FOR ACCURATE TUMOR DIAGNOSIS IN SITU

A new non-invasive technology for fast and accurate tumor diagnosis in situ, based on biomechanical tumor properties, has been developed by Professor Eilon Sherman.

>> [Read more here](#)

COMPANY SPOTLIGHT



Empowered by scientific technology from Dr. Pini Tsukerman's lab, Prof. Ofer Mandelboim from The Hebrew University of Jerusalem, and Prof. Stipan Jonjic from the University in Rijeka, founded Nectin Therapeutics, established in 2017. The company is pioneering biotechnology dedicated to transforming the lives of cancer patients through next-generation immune oncology (IO) therapies.

We congratulate the company on its announcement on expanding their NTX1088's Phase 1 clinical trial to 5 sites - MD Anderson Cancer Center, Ochsner Health, City of Hope, Sheba Medical Center and Hadassah Medical Center.

WEBINAR RECAP

»» On January 16, over 90+ professionals registered and joined to hear Dr. Lior Nissim, head of the Hebrew University's Synthetic Biology lab. Watch the recap by clicking [here](#).

YISSUM, THE HEBREW UNIVERSITY TECH TRANSFER
HI-TECH PARK, EDMOND J. SAFRA
CAMPUS, BUNGALOW 2.6
GIVAT-RAM, JERUSALEM
P.O. BOX 39135
91390 ISRAEL | WEBSITE: YISSUM.CO.IL



To **maximize** the **impact** on human society that is inherent in the scientific spark of the researchers at the Hebrew University