



Australian Friends
of The Hebrew
University
Our passion for
progress

2023 | 5783

Rosh Hashanah Newsletter

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Dear Friend,
We have very much appreciated your past support for the Australian Friends of the Hebrew University and as we head into a new year, we have pleasure in inviting you to continue this support as a valued member - **membership runs from Rosh Hashana to Rosh Hashana.**

The Hebrew University of Jerusalem (HU) is Israel's leading academic and research institution, serving more than 25,000 students from some 80 countries. Founded in 1918 by



I WANT TO BE A MEMBER

As a valued member of the Australian Friends, you will enjoy benefits such as -

visionaries including Albert Einstein, Chaim Weizmann, Sigmund Freud and Martin Buber, HU is ranked in the top echelon of the world's leading universities and to date, HU faculty members and alumni have won 8 Nobel Prizes, 1 Fields Medal and 1 Abel Prize.

Your support of the Hebrew University ensures that Israel's premier university is able to continue its tradition of excellence and innovation, contributing in a myriad of different ways towards the improvement of life on earth.

Thank you again for being a valued supporter of the Australian Friends of the Hebrew University and may the new year bring you and your loved ones good health, happiness, peace and fulfilment.

- Invitations to our monthly Honours Club talks (where applicable).
- A special tour of the Hebrew University Campus when you visit Israel.
- Introductions to academic and other staff of the Hebrew University.
- Assistance for family members wishing to study at the Hebrew University.
- Invitations to events and lectures hosted by the Australian Friends.
- The Australian Friends Annual Yearbook
- Australian Friends newsletters.

Please click [here](#) to ensure your membership of the Hebrew University Family.

Should you wish to make a voluntary, tax deductible donation towards the Hebrew University's cutting-edge work in the medical arena, this too can be done online by clicking [here](#).

Niv Gronovich - Our 'Wunderkind' Visitor This October



We are very excited that in mid-October, we will have as a guest in Australia Niv Gronovich who participated, whilst still at school, in the Hebrew University Youth Division for the Advancement of Science Education. The Hebrew University Youth Division (YUJI) works to promote academic excellence, nurture leadership in science and technology, and engage young students in exciting research projects to benefit Israel and the world.

YUJI offers a variety of academically engaging and challenging activities to ignite curiosity in its young participating students exposing them to current scientific research, tools for critical analysis and creative thinking and encouragement towards higher education especially in the scientific and technological fields.

Niv recently completed high school at Harel High School in Mevaseret Zion and is a graduate of the Alpha Program at the Belmonte Science Laboratories Center in the YUJI program. The Alpha Program is a joint initiative of the Hebrew University together with the Future Scientists Center and the Ministry of Education's Department for Talented and Gifted Students. The Program was established in order to meet the unique intellectual needs of especially talented students such as Niv by enriching their knowledge base, exposing

them to high-level scientific research and providing them with the tools to engage in independent scientific research on an academic level.

Niv conducted his research in the laboratory for phage therapy at the Institute of Biomedical and Oral Research of the Faculty of Dental Medicine. Together with his supervisors and mentors, Niv worked on researching bacteriophages – viruses that specifically attack bacteria. This research is considered to be one of the most promising solutions to the crisis stemming from the emergence of antibiotic-resistant infections. Niv's contribution in this research has been beneficial to this research and already more than 20 patients have been treated with this novel solution to the resistance of antibiotics.

Niv is now in the IDF in a special program called “Tzameret” which is the military track for medicine in the IDF and allows him to continue his research in medicine with a view to ultimately become a student in the Hebrew University's Faculty of Medicine helping him to fulfil his dream of contributing towards the constantly evolving field of phage therapy.

Niv will visit Perth, Melbourne and Sydney during his forthcoming visit and will engage with students, youth movement members, the medical profession and supporters of the Australian Friends assisting them in their mission of promoting excellence at the Hebrew University particularly in the area of human health.

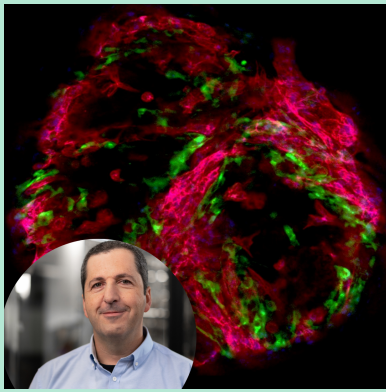


Please contact our office if you wish to meet Niv personally or have him address a group in your home, school, work-place or club.

[DONATE HERE](#)

Your support, by way of a donation or through a bequest, will ensure the continued innovative research and academic excellence of the Hebrew University of Jerusalem – the University of the Jewish People.

What's Going on at the Hebrew University?



Game-changing potential for drug testing and cardiovascular disease treatments - Tiny Heart Model Carries Massive Implications

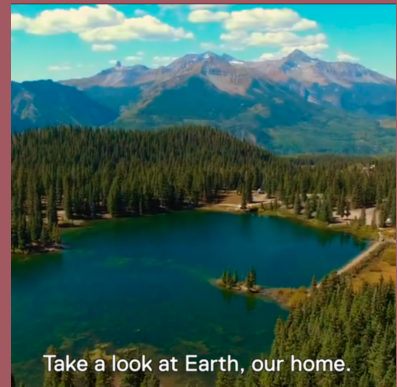
Discovery led by Prof. Yaakov Nahmias from the **Hebrew University** marks a new era in cardiovascular research, multi-chambered, self-paced miniature heart model, holding the key to saving lives and enhancing patient outcomes. Sensors reveal a new mechanism of cardiac arrhythmia not found in small animals, promising alternatives to animal testing.

[Full Article](#)

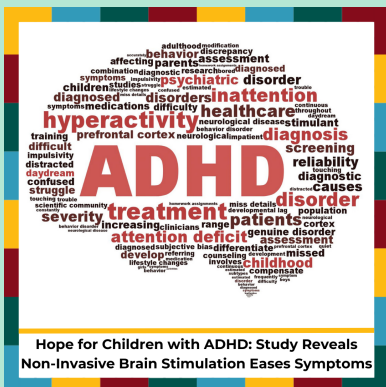
Climate Change - What are we doing about it?

Join us on a journey with the **Hebrew University of Jerusalem** as we dive into the heart of innovation and sustainability! From pioneering interdisciplinary solutions to curbing climate change, to revolutionizing solar energy efficiency, HU is leading the charge in shaping a greener, cleaner tomorrow. Let's explore the remarkable strides and cutting-edge technology driving our planet towards a more sustainable future, hand in hand with the visionaries at Hebrew University. Together, we're not just combating climate change, but crafting a legacy of environmental stewardship for generations to come. Are you ready to be inspired?

[Watch Video](#)



Take a look at Earth, our home.



Hope for Children with ADHD: Study Reveals Non-Invasive Brain Stimulation Eases Symptoms

Unlocking Hope for Children with ADHD: Breakthrough Study Reveals Non-Invasive Brain Stimulation Eases Symptoms

New study by the University of Surrey and **Hebrew University of Jerusalem** reveals an innovative approach to help children with ADHD. Using non-invasive brain stimulation paired with cognitive training, this breakthrough research showed significant symptom improvement in 55% of kids after just a two-week program

[Full Article](#)

HUJI Bite: Revolutionizing Cancer Treatment with Nanotechnology

Join us on an extraordinary journey into the world of cancer treatment innovation! In this captivating video, we dive into the groundbreaking work of Prof. Ofra Benny and her team at the School of Pharmacy, as they harness the power of nanotechnology to revolutionize cancer therapies.

[Watch Video](#)





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