Support Future Einsteins At The Hebrew University of Jerusalem

As one of the founders of the Hebrew University, Albert Einstein's genius and exemplary spirit inspired a new generation of innovation and scientific work. The Hebrew University of Jerusalem is committed to finding the next generation of scholars, scientists, and humanitarians in Israel to make the world a better place.

The groundbreaking work at the Hebrew University this past year has shown the world— an AIDS cure may be closer then we think; a peptide discovery to ward off famine; the development of new pathways to resist viruses; a new partnership between The Smithsonian Institute and the Hebrew University's Albert Einstein Foundation that will encompass several projects including a global STEM (science, technology, engineering and math) summit in the coming year.

Don't miss your chance to help us support the next generation of Einsteins. Learn more and see how you can join our organization.

Donate Today and Support Our Future Einsteins

Hebrew U Scientists See Breakthrough In AIDS Cure

HIV and AIDS patients may find new hope in a drug developed at Hebrew University in Jerusalem which is currently being tested at the Kaplan Medical Center in Rehovot. The drug was inserted into test tubes containing the blood of ten AIDS patients currently being treated at the hospital, and it was found to destroy 97% of the virus within just eight days. Learn more

Jerusalem Design Student Creates 3D Printed Dress With Hebrew U Tech

While she was working on an innovative way to create historical apparel, Ganit Goldstein certainly latched on to one of the most modern technologies in creating her dress. For this work, she was lucky to have the collaborative efforts of the Hebrew University's Institute of Chemistry behind her. Prof. Shlomo Magdassi's lab created the nanoparticles used to print out the lace. Learn more

HUJI Talks: Inspiring Talks by the Brains of the Start-Up Nation - Dr. Galia Blum

In our fifth week, we present Dr. Galia Blum, senior lecturer at the School of Pharmacy's Institute for Drug Research, as she takes us on a journey "Finding the Gold: Probes for Disease Detection and Therapy". Her research focus is in creating theranostic compounds with nano particles of gold that not only can diagnose a tumour but then can also help with therapeutic treatment.

View the video

Scientists Find New Metabolic Pathways to Resist Viruses and Combat Hep C

Viruses are parasites that lack the basic metabolic machinery needed to replicate, hijacking the metabolic machinery of their hosts in order to propagate. A Hebrew U-led international research team identified an array of genetic switches that controls the metabolic response to Hepatitis C Virus infection. Prof. Yaakov Nahmias, study lead: “Our results present a new approach to treat viral infections using the regulation of integral promoters on which the virus rely.” Learn more

Hebrew U Peptide Discovery May Help Ward Off Famine By Killing Bacteria

Dr. Zvi Hayouka of the Institute of Biochemistry, Food Science and Nutrition and his team developed a new method for the artificial synthesis of random-sequence peptides that are similar to antimicrobial peptides existing in nature. The laboratory-synthesized peptides were quickly effective against numerous bacteria including bacteria that infect food, like the inner sides of a milk carton, and could even be used for hospital disinfection, food preservation, and even pest-control agents.

Learn more