

Medical Research: Innovations Touching Lives



At the Hebrew University's Faculty of Medicine, Israel's most brilliant medical and scientific minds are working together to unlock the mysteries of the genes and proteins that control fundamental processes in living cells. They are creating treatments and drug therapies to ameliorate and prevent disease, training the next generation of compassionate medical specialists, and sharing knowledge with students from around the world.

Research

The Faculty of Medicine at the Hebrew University of Jerusalem is an internationally acclaimed research institution, which provides an environment that fosters pioneering efforts and scientific inquiry. In particular, the Faculty offers the perfect setting for preclinical and clinical researchers to interact, thus facilitating innovative approaches to bio-medical research and health care. Indeed, the diverse and extensive range of research in the Faculty reflects intensive collaborations at both the clinical and the basic scientific levels. Interdisciplinary research focuses on critical areas such as cancer, diabetes, microbiology, infectious diseases, medical neurobiology, immunology, developmental biology, drug design and delivery systems, and bioinformatics.

The Faculty comprises some 500 clinical and preclinical academics and researchers, embodying a wealth of knowledge, expertise and commitment. Faculty members collaborate with colleagues from major medical institutions around the globe, and are highly successful in attaining competitive research grants. Their work is frequently published in high-ranking international journals and is widely cited. Notably, 12 Faculty members have been awarded the Israel Prize, and two are recipients of the prestigious Wolf Prize.

Current research fields include:

Infectious diseases / Cancer / Brain research (e.g., epilepsy, Alzheimer's and Parkinson's disease) /

Diabetes and Nutrition / Developmental biology / Stem cells / Epigenetics / Human genetics / Drug Design and Delivery Systems / Inflammatory and autoimmune disease / Public Health & Community

Medicine



Dr. Dmitry Tselikhovsky