Collaboration

In laboratories and at universities across the country, Canadians are partners in IMRIC’s astonishing research. Canadian Friends of the Hebrew University of Jerusalem has succeeded in creating several key partnerships between leading Canadian and IMRIC researchers, bringing together brilliant minds in both countries, and redoubling efforts to eradicate the diseases that affect us all.

The Hebrew University of Jerusalem’s Institute for Medical Research Israel-Canada (IMRIC) is poised to change life — your life — as you know it. Join us on this groundbreaking journey.

IMRIC innovations ...

The sound of sight: IMRIC’s Dr. Amir Amedi is developing a new paradigm for teaching the blind to see: through their ears.

Award-winning research: The Bill & Melinda Gates Foundation recently awarded IMRIC’s Prof. Alon Warburg a $5 million Outstanding Grant for his work in eradicating infectious diseases — just one of IMRIC’s dozens of prestigious international awards.

Moving discoveries in Parkinson’s: More than 30,000 Parkinson’s patients have benefited from IMRIC’s Prof. Hagai Bergman’s deep-brain stimulation to deactivate movement disorders associated with the disease.

Unmasking malaria: IMRIC’s Prof. Ron Dzikowski’s new approach to an old disease could help develop the world’s first effective malaria vaccine.

... are creating the future of medicine.

Biomedical breakthroughs

Who doesn’t know someone whose life has been touched by cancer? By heart disease, Alzheimer’s, HIV? Who doesn’t envision a world where diseases like Parkinson’s or diabetes are minor inconveniences? Where HIV can not only be treated but prevented? Where the blind can see? Where a child doesn’t have to die every 30 seconds from malaria?

IMRIC’s world-renowned researchers — Israel’s most brilliant medical and scientific minds — are unlocking the mysteries of the genes and proteins that control fundamental processes in living cells. They are developing and applying innovative solutions to the world’s most pressing medical problems. They are changing your life — and the world — for the better.

THE FUTURE OF MEDICINE
SWITCHING CANCER GENES TO “OFF”
A VACCINE FOR HIV
NEW FRONTIERS IN DIABETES RESEARCH
MOVING DISCOVERIES IN PARKINSON’S
UNMASKING MALARIA
TEACHING THE BLIND TO SEE THROUGH SOUND

CFHU is raising $50 million to harness the incredible talent of IMRIC researchers and their Canadian counterparts. Please help us achieve this goal.
**EDMONTON: NEW FRONTIERS IN DIABETES RESEARCH**

Ten million people worldwide suffer from type I diabetes, a chronic condition in which the body’s immune system destroys the beta cells that produce insulin. IMRIC’s Dr. Yuval Dor and his research team have made the startling discovery that beta cells can in fact regenerate — paving the way for radical new treatments for diabetes. A partnership has been forged between the University of Alberta’s Dr. James Shapiro — a world-renowned researcher in islet transplantation for diabetes — and Dr. Dor.

*Their collaborations could make diabetes a minor inconvenience, rather than a life-threatening disease.*

**WINNIPEG: A VACCINE FOR HIV?**

IMRIC’s Prof. Ofer Mandelboim is confident that our bodies already contain the key to combating cancer and deadly viruses. His studies of “natural killer” cells are shedding light on how the body recognizes and conquers disease. Under the auspices of the newly established Global Research Exchange Program, funded by Canadian Friends of the Hebrew University of Jerusalem, the Manitoba government, and the University of Manitoba, Prof. Mandelboim is partnering with Dr. Frank Plummer, director of the National Microbiology Laboratory in Winnipeg and one of the world’s leading specialists on HIV/AIDS.

*Together, the two renowned researchers hope to foster original AIDS research — and, possibly, develop a vaccine for the disease.*

**MONTREAL: SWITCHING CANCER GENES TO “OFF”**

IMRIC’s Prof. Howard Cedar’s research is paving the way towards customized cancer treatment. IMRIC has confirmed a partnership with one of Dr. Cedar’s proteges: McGill University’s Dr. Moshe Szyf. Dr. Szyf works in the field of epigenetic research — how genes change and are regulated at the molecular level. His partnership with IMRIC researchers will shed light on the genetic defects that can lead to cancer.

*Their work is changing the way we think about treating cancer.*

**FUTURE SUCCESSES:**

**VANCOUVER: (R)CONNECTING THE SPINAL CORD**

Endorsed by Canadian icon Rick Hansen — the “Man in Motion” — a collaboration between the University of British Columbia and IMRIC researcher Dr. Aharon Lev Tov is underway in the area of spinal cord injury research.

**TORONTO: A HUB FOR CANCER RESEARCH**

Drawing on the immense wealth and expertise of Toronto’s cancer research community, IMRIC is collaborating with a Toronto institution to create the IMRIC Cancer Hub.

*These partnerships are our future successes. Help us bring them to fruition.*