

# ISRAEL CANCER RESEARCH FUND



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## RESEARCH AWARDS 2006-2007

AWARD	AWARDEE	INSTITUTION	PROJECT TITLE
<b>PROFESSORSHIPS</b>	<b>Howard Cedar, M.D., Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Regulation of Gene Expression in Animal Cells</i>
	<b>Aaron Ciechanover, M.D., D.Sc.</b>	Technion, Israel Institute of Technology	<i>Aberrant Ubiquitin-Mediated Regulation of Apoptosis in Prostate Cancer</i>
	<b>Avram Hershko, M.D., Ph.D.</b>	Technion, Israel Institute of Technology	<i>Control of Cell Division by Ubiquitin-Mediated Protein Degradation</i>
<b>CLINICAL RESEARCH CAREER DEVELOPMENT AWARD</b>	<b>Itay Chowers, Ph.D.</b>	Hadassah Medical Organization	<i>Functional Genomic Approach to Investigate Uveal Melanoma Metastases Development</i>
<b>BARBARA GOODMAN ENDOWED RCDA FOR PANCREATIC CANCER</b>	<b>Yuval Dor, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>The Origins and Dynamics of Pancreatic Cancer: A Mouse Modeling Approach</i>
<b>RESEARCH CAREER DEVELOPMENT AWARDS RESEARCH CAREER</b>	<b>Uri Abdu, Ph.D.</b>	Ben-Gurion University of the Negev	<i>The Role of DNA Damage Proteins Hus1 and Chk2 in the Drosophila Meiotic Checkpoint</i>
	<b>Limor Broday, Ph.D.</b>	Tel-Aviv University	<i>C. Elegans Model for Ubiquitin Mediated Regulation of Adhesion Dynamics</i>
	<b>Haim Cohen, Ph.D.</b>	Bar-Ilan University	<i>The Role of Ku70 and Ku86 Acetylation in Cellular Decision Between Survival and Apoptosis</i>

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<b>DEVELOPMENT AWARDS</b> <i>(continued)</i>	<b>Marcelle Machluf, Ph.D.</b>	Technion, Israel Institute of Technology	<i>Polymeric Delivery System for the Delivery of Endogenous Proteins – New Therapy Approach for Brain Tumor</i>
	<b>Michael Elkin, Ph.D.*</b> <i>(*RCDA in Pancreatic Cancer)</i>	Hadassah Medical Organization	<i>Heparanase in Pancreatic Cancer: Role in Pathogenesis and Implications for Novel Therapeutic Approaches</i>
	<b>Nir Osherov, Ph.D.</b>	Tel-Aviv University	<i>Better Understanding and Treatment of Aspergillosis, A Major Killer of Neutropenic Cancer Patients</i>
	<b>Eli Pikarsky, M.D., Ph.D.</b>	Hadassah Medical Organization	<i>Is NF-<math>\kappa</math>B the Missing Link Between Inflammation and Neoplasia?</i>
	<b>Rina Rosin-Arbesfeld, Ph.D.</b>	Tel-Aviv University	<i>Functional Analysis of the APC Tumor Suppressor Protein Truncations and Restoration of Wild Type APC</i>
	<b>Yaron Shav-Tal, Ph.D.</b>	Bar-Ilan University	<i>Cyclin D1 Proto-Oncogene Promoter Control: A Kinetic Analysis of Gene Activity Using In Vivo Imaging</i>
	<b>Yehuda Tzfati, Ph.D.</b>	Hebrew University of Jerusalem	<i>Telomerase Dysfunction in Hoyeraal-Hreidarsson Syndrome</i>
	<b>Ronit Yarden, Ph.D.</b>	Chaim Sheba Medical Center	<i>The Role of BRCA1 in Cell Cycle Checkpoint Regulation: Interplay with Chk1</i>
<b>POSTDOCTORAL FELLOWSHIPS</b>	<b>Julia Adler, Ph.D.</b>	Weizmann Institute of Science	<i>The Role of NAD(P)H Quinone Oxidoreductase in the Stability of Proto-Oncogene c-Fos</i>
	<b>Leah Baraz, Ph.D.*</b> <i>(*Kaylie Fellow)</i>	Hadassah Medical Organization	<i>Regulation of Heparanase Gene Expression by Tumor Suppressor p53</i>
	<b>Yuval Cinnamon, Ph.D.*</b> <i>(*Kaylie Fellow)</i>	Hebrew University of Jerusalem	<i>Study of Ubiquitination of Midbody Proteins During Cytokinesis</i>

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	<b>Myriam Grunewald, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Circulating Cells-Assisted Angiogenesis: Mechanisms and Potential Targets</i>
	<b>Michal Mark-Danieli, Ph.D.*</b> <i>(*Kaylie Fellow)</i>	Chaim Sheba Medical Center	<i>Characterization of SIL Function in Mitosis and Cancer</i>
	<b>Gal Markel, Ph.D.</b>	Chaim Sheba Medical Center	<i>Novel CEACAM1-Based Immunomodulatory Approach for Melanoma Immunotherapy</i>
	<b>Masha Prager-Khoutorsky, Ph.D.*</b> <i>(*Kaylie Fellow)</i>	Weizmann Institute of Science	<i>Development of Novel Approach for Modulating Mechanosensitive Cell Migration of Tumor Cells</i>
	<b>Eyal Zcharia, Ph.D.</b>	Hadassah Medical Organization	<i>Human Heparanase: A Promising Target for Therapeutic Strategies in Breast Cancer</i>
<b>PROJECT GRANTS</b>	<b>Haim Azhari, D.Sc.</b>	Technion, Israel Institute of Technology	<i>Feasibility Study of Breast Tumor Characterization using Computerized Ultrasonic Mammography and Contrast Materials</i>
	<b>Michal Baniyash, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>TCR <math>\zeta</math> Chain Downregulation as a Marker for Detecting Immunosuppression Generated in Tumor-Bearing Hosts: Clinical Implications</i>
	<b>Eitan Bibi, Ph.D.</b>	Weizmann Institute of Science	<i>Multidrug Recognition and Transport by the E. coli Mdr Transporter MdfA</i>
	<b>Eli Canaani, Ph.D.</b>	Weizmann Institute of Science	<i>Global Targets and Associated Proteins of the Leukemic Protein MLL/AF4</i>
<b>PROJECT GRANTS</b> <i>(continued)</i>	<b>Rivka Dikstein, Ph.D.</b>	Weizmann Institute of Science	<i>Control of NF-<math>\kappa</math>B Target Genes by DSIF, A Transcription Elongation Inhibitor</i>
	<b>Lea Eisenbach, Ph.D.</b>	Weizmann Institute of Science	<i>The Role of 1-8 Interferon Inducible Genes in Tumor Progression</i>

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	<b>Ari Elson, Ph.D.</b>	Weizmann Institute of Science	<i>Molecular Studies of the Role of Tyrosine Phosphatase Epsilon in Supporting Mammary Tumorigenesis</i>
	<b>Offer Gerlitz, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Identification of Wg Target Genes that Play a Role in Regulation of Growth and Survival</i>
	<b>Dan Gibson, Ph.D.</b>	Hebrew University of Jerusalem	<i>Preparation and Pharmacological Evaluation of Novel Non-Classical Water Soluble Platinum Drugs</i>
	<b>Atan Gross, Ph.D.</b>	Weizmann Institute of Science	<i>The Role of BID in the Response of Cells to DSB DNA Damage</i>
	<b>Yoav Henis, Ph.D.</b>	Tel-Aviv University	<i>Interactions and Endocytosis of Growth-Inhibitory Receptors</i>
	<b>Joel Hirsch, Ph.D.</b>	Tel-Aviv University	<i>Structural Studies of Gem, a Novel Small G-Protein</i>
	<b>Shai Izraeli, M.D.</b>	Chaim Sheba Medical Center	<i>Targeting SIL in Epithelial Malignancies</i>
	<b>Martin Kupiec, Ph.D.</b>	Tel-Aviv University	<i>Telomere Length Control and Genome Stability</i>
	<b>Sara Lavi, Ph.D.</b>	Tel-Aviv University	<i>Production and Significance of Extrachromosomal spcDNA Molecules Consisting of Multimeric Repeats</i>
	<b>Haya Lorberboum-Galski, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Targeted B-Cell Malignancies Therapy by Novel Apoptosis-Inducing Chimeric Proteins</i>
<b>PROJECT GRANTS</b> <i>(continued)</i>	<b>Ofer Mandelboim, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Tumor Development in the Absence of the NK Activating Receptor Ncr1</i>
	<b>Hanah Margalit, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Implications of MicroRNAs in Cancer</i>

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	<b>Doron Melamed, Ph.D.</b>	Technion, Israel Institute of Technology	<i>The Role of Ligand-Independent Tonic Signals in Altering Fate Decisions of Transformed B Cells</i>
	<b>Esther Priel, D.Sc.</b>	Ben-Gurion University of the Negev	<i>An Anti-Retroviral Approach as a Possible Strategy for the Treatment of Adult T Cell Leukemia</i>
	<b>Shoshana Ravid, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>The Role of PAK1 and ROCK in the Regulation of Myosin II in Chemotaxis and Cell Polarity of Metastatic Tumor Cells</i>
	<b>Reuven Reich, Ph.D.</b>	Hebrew University of Jerusalem	<i>Novel Oxamic Acid-Derived MMP Inhibitors in Cancer</i>
	<b>Dina Ron, Ph.D.</b>	Technion, Israel Institute of Technology	<i>Mechanisms by which Perlecan Regulates Epidermis Homeostasis, and its Involvement in Epidermal Neoplasia</i>
	<b>Gadi Spira, Ph.D.</b>	Technion, Israel Institute of Technology	<i>Heparanase in Liver Fibrosis: Mechanism Underlying Expression and Synthesis</i>
	<b>Yosef Yarden, Ph.D.</b>	Weizmann Institute of Science	<i>Shunting Oncogenic Receptor Tyrosine Kinases from Recycling to Degradation: A Novel Approach to Cancer Therapy</i>
	<b>Eitan Yefenof, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Deciphering the Kinases Required for Glucocorticoid-Induced Apoptosis of Leukemia Cells</i>
<b>PROJECT GRANTS</b> <i>(continued)</i>	<b>Joel Yisraeli, Ph.D.</b>	Hebrew University/Hadassah Medical School	<i>Exploring the Role of VICKZ Isoforms and their RNA Targets in Metastatic Colon Cancer</i>
	<b>Dov Zipori, Ph.D.</b>	Weizmann Institute of Science	<i>Therapy of Multiple Myeloma using a Cell and Gene Therapy Approach</i>