ISRAEL CANCER RESEARCH FUND

ICRF

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RESEARCH AWARDS 2007-2008

AWARD	AWARDEE	INSTITUTION	PROJECT TITLE
PROFESSORSHIPS	**Yehudit Bergman, Ph.D.**	Hebrew University/Hadassah Medical School	*Genetic and Epigenetic Mechanisms Involved in Oct-3/4-Induced Malignant Transformation*
	Howard Cedar, M.D., Ph.D.	Hebrew University/Hadassah Medical School	*Regulation of Gene Expression in Animal Cells*
	Aaron Ciechanover, M.D., D.Sc.	Technion, Israel Institute of Technology	*Aberrant Ubiquitin-Mediated Regulation of Apoptosis in Prostate Cancer*
	Avram Hershko, M.D., Ph.D.	Technion, Israel Institute of Technology	*Control of Cell Division by Ubiquitin-Mediated Protein Degradation*
	Yosef Shiloh, Ph.D.	Tel-Aviv University	*New Branches in the ATM-Mediated DNA Damage Response*
	Israel Vlodavsky, Ph.D.	Technion, Israel Institute of Technology	*Targeting Heparanase, One Molecule with Multiple Functions in Human Cancer Progression*
CLINICAL RESEARCH CAREER DEVELOPMENT AWARD	**Itay Chowers, Ph.D.**	Hadassah Medical Organization	*Functional Genomic Approach to Investigate Uveal Melanoma Metastases Development*

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BARBARA GOODMAN ENDOWED RCDA FOR PANCREATIC CANCER	**Yuval Dor, Ph.D.**	Hebrew University/Hadassah Medical School	*The Origins and Dynamics of Pancreatic Cancer: A Mouse Modeling Approach*
RESEARCH CAREER DEVELOPMENT AWARDS **(RCDAs)**	**Eli Arama, Ph.D.**	Weizmann Institute of Science	*A Novel Ubiquitin Pathway for the Regulation of Caspase Activation/Apoptosis in Drosophila*
	Ittai Ben-Porath, Ph.D.	Hebrew University/Hadassah Medical School	*Effects of INK4a Induction and In Vivo Senescence on Liver Regeneration and Tumorigenesis*
	Limor Broday, Ph.D.	Tel-Aviv University	*C. Elegans Model for Ubiquitin Mediated Regulation of Adhesion Dynamics*
	Haim Cohen, Ph.D.	Bar-Ilan University	*The Role of Ku70 and Ku86 Acetylation in Cellular Decision Between Survival and Apoptosis*
	Michael Elkin, Ph.D.* *(*RCDA in Pancreatic Cancer)*	Hadassah Medical Organization	*Heparanase in Pancreatic Cancer: Role in Pathogenesis and Implications for Novel Therapeutic Approaches*
	Marcelle Machluf, Ph.D.	Technion, Israel Institute of Technology	*Polymeric Delivery System for the Delivery of Endogenous Proteins – New Therapy Approach for Brain Tumor*
	Nir Osherov, Ph.D.	Tel-Aviv University	*Better Understanding and Treatment of Aspergillosis, A Major Killer of Neutropenic Cancer Patients*
	Eli Pikarsky, M.D., Ph.D.	Hebrew University/Hadassah Medical School	*Tumor Escape from NF-κB Inhibition – A Window to Understand Tumor Progression*
	Rina Rosin-Arbesfeld, Ph.D.	Tel-Aviv University	*Functional Analysis of the APC Tumor Suppressor Protein Truncations and Restoration of Wild Type APC*

AWARD	AWARDEE	INSTITUTION	PROJECT TITLE
RCDAs ***(continued)***	**Yaron Shav-Tal, Ph.D.**	Bar-Ilan University	*Cyclin D1 Proto-Oncogene Promoter Control: A Kinetic Analysis of Gene Activity Using In Vivo Imaging*
POSTDOCTORAL FELLOWSHIPS	**Julia Adler, Ph.D.*** *(*Kaylie Fellow)*	Weizmann Institute of Science	*The Role of NAD(P)H Quinone Oxidoreductase in the Stability of Proto-Oncogene c-Fos*
	Dorit Avrahami, Ph.D.* *(*Kaylie Fellow)*	Weizmann Institute of Science	*The Effect of Heterogeneity in Self Overexpressed Protein such as 1-8D as TAA Vaccines*
	Marganit Farago, Ph.D.* *(*Kaylie Fellow)*	Hebrew University/Hadassah Medical School	*Modulation of Wnt Signaling in Apical/Basolateral Cell Polarity of Intestinal Epithelial Cells (IECs)*
	Liat Fux, Ph.D.	Technion, Israel Institute of Technology	*Enzymatic Activity-Independent Functions of Heparanase: Molecular Basis and Clinical Significance*
	Hagit Mann-Steinberg, Ph.D.	Tel-Aviv University	*Inhibition of the Angiogenic Switch of Pancreatic Cancer by Polymer Conjugates of Angiogenesis Inhibitors*
	Michal Mark-Danieli, Ph.D.* *(*Kaylie Fellow)*	Chaim Sheba Medical Center	*Characterization of SIL Function in Mitosis and Cancer*
	Gal Markel, Ph.D.	Chaim Sheba Medical Center	*Novel CEACAM1-Based Immunomodulatory Approach for Melanoma Immunotherapy*
	Eyal Zcharia, Ph.D.	Hadassah Medical Organization	*Human Heparanase: A Promising Target for Therapeutic Strategies in Breast Cancer*
PROJECT GRANTS	**Haim Azhari, D.Sc.**	Technion, Israel Institute of Technology	*Feasibility Study of Breast Tumor Characterization using Computerized Ultrasonic Mammography and Contrast Materials*
	Naama Barkai, Ph.D.	Weizmann Institute of Science	*MAPK Signaling Specificity*

AWARD	AWARDEE	INSTITUTION	PROJECT TITLE
PROJECT GRANTS *(continued)*	**Eitan Bibi, Ph.D.**	Weizmann Institute of Science	*Multidrug Recognition and Transport by the E. coli Mdr Transporter MdfA*
	Eli Canaani, Ph.D.	Weizmann Institute of Science	*Global Targets and Associated Proteins of the Leukemic Protein MLL/AF4*
	Ari Elson, Ph.D.	Weizmann Institute of Science	*Molecular Studies of the Oncogene-Dependent Roles of Tyrosine Phosphatase Epsilon in Breast Cancer*
	Abraham Fainsod, Ph.D.	Hebrew University/Hadassah Medical School	*Genetic Regulation of Cell Proliferation During Gastrulation*
	Dan Hershko, M.D.	Rambam Medical Center	*Role of p27 in the Proliferation and Differentiation of Human Embryonic Stem Cells*
	Atan Gross, Ph.D.	Weizmann Institute of Science	*The Role of BID in the Response of Cells to DSB DNA Damage*
	Yoav Henis, Ph.D.	Tel-Aviv University	*Interactions and Endocytosis of Growth-Inhibitory Receptors*
	Shai Izraeli, M.D.	Chaim Sheba Medical Center	*Targeting SIL in Epithelial Malignancies*
	Chaya Kalcheim, Ph.D.	Hebrew University/Hadassah Medical School	*Mechanisms of Epithelio-Mesenchymal Conversion of Neural Crest Progenitors*
	Tamar Kleinberger, Ph.D.	Technion, Israel Institute of Technology	*Study of E4orf4-Induced Apoptosis In Vivo in a Drosophila Model system*
	Martin Kupiec, Ph.D.	Tel-Aviv University	*Telomere Length Control and Genome Stability*
	Ofer Mandelboim, Ph.D.	Hebrew University/Hadassah Medical School	*Tumor Development in the Absence of the NK Activating Receptor Ncr1*

AWARD	AWARDEE	INSTITUTION	PROJECT TITLE
PROJECT GRANTS ***(continued)***	**Alon Margalit, Ph.D.**	MIGAL, Galilee Technology Center	*Pre-Clinical Evaluation of Novel Genetic Cancer Vaccines Encoding Dendritic Cell Activation Receptors*
	Hanah Margalit, Ph.D.	Hebrew University/Hadassah Medical School	*Implications of MicroRNAs in Cancer*
	Gera Neufeld, Ph.D.	Technion, Israel Institute of Technology	*Inhibition of VEGF Induced Tumor Angiogenesis by Disruption of Neuropilin/VEGFR-2 Complex Formation*
	Drorit Neumann, Ph.D.	Tel-Aviv University	*Immune Mediated Anti-Neoplastic Effects of Erythropoietin: Focus on Dendritic Cells*
	Ze'ev Paroush, Ph.D.	Hebrew University/Hadassah Medical School	*Phosphorylation of the Groucho Co-Repressor and its Mammalian Homologue TLE*
	Yechiel Shai, Ph.D.	Weizmann Institute of Science	*In Vitro and Animal Studies with Novel Cell Selective Innate-Immunity-Like Lytic Peptides against Prostate Cancer*
	Haim Werner, Ph.D.	Tel-Aviv University	*The Insulin-Cancer Hypothesis: Analysis of the Interactions Between Adiponectin and the IGF System*
	Eitan Yefenof, Ph.D.	Hebrew University/Hadassah Medical School	*Deciphering the Kinases Required for Glucocorticoid-Induced Apoptosis of Leukemia Cells*
	Joel Yisraeli, Ph.D.	Hebrew University/Hadassah Medical School	*VICKZ Proteins in Metastatic Colon Cancer: Basic Biology and Therapeutic Approaches*
	Dov Zipori, Ph.D.	Weizmann Institute of Science	*Therapy of Multiple Myeloma using a Cell and Gene Therapy Approach*