ISRAEL CANCER RESEARCH FUND

ICRF

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RESEARCH AWARDS 2006-2007

AWARD	AWARDEE	INSTITUTION	PROJECT TITLE
PROFESSORSHIPS	**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*
CLINICAL RESEARCH CAREER DEVELOPMENT AWARD	**Itay Chowers, Ph.D.**	Hadassah Medical Organization	*Functional Genomic Approach to Investigate Uveal Melanoma Metastases Development*
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 RESEARCH CAREER	**Uri Abdu, Ph.D.**	Ben-Gurion University of the Negev	*The Role of DNA Damage Proteins Hus1 and Chk2 in the Drosophila Meiotic Checkpoint*
	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*

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

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	Myriam Grunewald, Ph.D.	Hebrew University/Hadassah Medical School	*Circulating Cells-Assisted Angiogenesis: Mechanisms and Potential Targets*
	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*
	Masha Prager-Khoutorsky, Ph.D.* *(*Kaylie Fellow)*	Weizmann Institute of Science	*Development of Novel Approach for Modulating Mechanosensitive Cell Migration of Tumor Cells*
	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*
	Michal Baniyash, Ph.D.	Hebrew University/Hadassah Medical School	*TCR ζ Chain Downregulation as a Marker for Detecting Immunosuppression Generated in Tumor-Bearing Hosts: Clinical Implications*
	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*
PROJECT GRANTS *(continued)*	**Rivka Dikstein, Ph.D.**	Weizmann Institute of Science	*Control of NF-κB Target Genes by DSIF, A Transcription Elongation Inhibitor*
	Lea Eisenbach, Ph.D.	Weizmann Institute of Science	*The Role of 1-8 Interferon Inducible Genes in Tumor Progression*

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

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