

RESEARCH AWARDS 2009-2010

AWARD	AWARDEE	INSTITUTION	PROJECT TITLE
PROFESSORSHIPS	Yinon Ben-Neriah, M.D., Ph.D.	Hebrew University/Hadassah Medical School	<i>Dissecting the Role of the Casein Kinase I Family in Gut Physiology and Cancer</i>
	Yehudit Bergman, Ph.D.	Hebrew University/Hadassah Medical School	<i>Genetic and Epigenetic Mechanisms Involved in Oct-3/4-Induced Malignant Transformation</i>
	Howard Cedar, M.D., Ph.D.	Hebrew University/Hadassah Medical School	<i>Regulation of Gene Expression in Animal Cells</i>
	Aaron Ciechanover, M.D., D.Sc.	Technion, Israel Institute of Technology	<i>Aberrant Ubiquitin-Mediated Regulation of Apoptosis in Prostate Cancer</i>
	Alberto Gabizon, M.D., Ph.D.	Shaare Zedek Medical Center	<i>Development of Targeted Liposome Formulations of Anti-Cancer Agents</i>
	Avram Hershko, M.D., Ph.D.	Technion, Israel Institute of Technology	<i>Roles of the Ubiquitin System in the Control of Cell Division and in Cancer</i>
	Yosef Shiloh, Ph.D.	Tel-Aviv University	<i>New Branches in the ATM-Mediated DNA Damage Response</i>
	Israel Vlodaysky, Ph.D.	Technion, Israel Institute of Technology	<i>Targeting Heparanase, One Molecule with Multiple Functions in Human Cancer Progression</i>

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CLINICAL RESEARCH CAREER DEVELOPMENT AWARD	Benjamin Dekel, M.D., Ph.D.	Chaim Sheba Medical Center	<i>Isolation of Malignant Renal Stem Cells for Targeted Therapy of Wilms' Tumor</i>
BARBARA GOODMAN ENDOWED RCDA FOR PANCREATIC CANCER	Yuval Dor, Ph.D.	Hebrew University/Hadassah Medical School	<i>Ribosomal Protein s6 as a Mediator of P13K Signaling in Pancreatic Cancer</i>
RESEARCH CAREER DEVELOPMENT AWARDS (RCDAs)	Rami Aqeilan, Ph.D.	Hebrew University/Hadassah Medical School	<i>Wwox Signaling in Bone Biology and in Osteosarcoma</i>
	Eli Arama, Ph.D.	Weizmann Institute of Science	<i>A Novel Ubiquitin Pathway for the Regulation of Caspase Activation/Apoptosis in Drosophila</i>
	Nabieh Ayoub, Ph.D.	Technion, Israel Institute of Technology	<i>Regulation of the Demethylase Activity of Kdm4 Family</i>
	Ittai Ben-Porath, Ph.D.	Hebrew University/Hadassah Medical School	<i>Effects of INK4a Induction and In Vivo Senescence on Liver Regeneration and Tumorigenesis</i>
	Asaf Hellman, Ph.D.	Hebrew University/Hadassah Medical School	<i>Genomic Chemoreversible and Chemo-preventable Epigenetic Patterns in Cancer</i>
	Eli Pikarsky, M.D., Ph.D.	Hebrew University/Hadassah Medical School	<i>Tumor Escape from NF-κB Inhibition – A Window to Understand Tumor Progression</i>
	Ronit Satchi-Fainaro, Ph.D.	Tel-Aviv University	<i>Targeted Anticancer-Antiangiogenic Polymer Therapeutics to Dormant-Aggressive Tumor Pairs</i>

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RCDAs <i>(continued)</i>	Michal Sharon, Ph.D.	Weizmann Institute of Science	<i>Understanding the Structure Function Relationship of Jab1: A Mass Spectrometry Approach</i>
	Yaron Shav-Tal, Ph.D.	Bar-Ilan University	<i>Cyclin D1 Proto-Oncogene Promoter Control: A Kinetic Analysis of Gene Activity Using In Vivo Imaging</i>
POSTDOCTORAL FELLOWSHIPS	Efrat Assa-Kunik, Ph.D.	Weizmann Institute of Science	<i>Modes of Caspase Activation/Apoptosis Regulation in Drosophila da Neurons Dendrite Pruning</i>
	Hadar Benyamini, Ph.D.	Hebrew University of Jerusalem	<i>The ASPP Family of p53 Apoptosis Regulators: A Computational Structural Characterization</i>
	Anna Mattout, Ph.D.	Hebrew University of Jerusalem	<i>Chromatin Dynamics During Somatic Cell Reprogramming into Induced Pluripotent Stem Cells</i>
	Marjorie Pick, Ph.D.	Hebrew University of Jerusalem	<i>Directed Differentiation of Human Embryonic Stem Cells Towards Mesoderm and Hematopoietic Progenitors</i>
	Sigal Rencus-Lazar, Ph.D.	Tel-Aviv University	<i>Elucidation of the Roles of Past1 in Regulation of the Notch Signaling Pathway in Drosophila</i>
	Amir Sonnenblick, M.D., Ph.D.	Hadassah Medical Organization	<i>The Role of STAT3 Signaling in Chronic Inflammation Associated HCC in the MDR2 Mouse Model</i>
PROJECT GRANTS	Mordechai Aboud, Ph.D.	Ben-Gurion University of the Negev	<i>Role of Caspases in HTLV-1 LTR Activation by Genotoxic Agents</i>
	Gil Ast, Ph.D.	Tel-Aviv University	<i>Identification of Cancer-Specific Splice Variants</i>

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PROJECT GRANTS <i>(continued)</i>	Michal Baniyash, Ph.D.	Hebrew University/Hadassah Medical School	<i>Abnormal TCR Structure and Function during Chronic Inflammation: Implications for Cancer</i>
	Avri Ben-Ze'ev, Ph.D.	Weizmann Institute of Science	<i>Novel Mechanisms in B-Catenin-Mediated Colon Cancer Invasion and Metastasis</i>
	Itai Benhar, Ph.D.	Tel-Aviv University	<i>Bigger or Smaller, Which is Superior in Targeted Cancer Therapy?</i>
	Raanan Berger, M.D.	Chaim Sheba Medical Center	<i>The Role of ERG Gene in Human Prostate Tumorigenicity</i>
	Michael Brandeis, Ph.D.	Hebrew University of Jerusalem	<i>The "Degradome" of the Anaphase Promoting Complex / Cyclosome</i>
	Dan Canaani, Ph.D.	Tel-Aviv University	<i>Breast Cancer: From Lead Compounds to Potential Therapeutic Targets</i>
	Eli Canaani, Ph.D.	Weizmann Institute of Science	<i>MLL Proteins, Histone Methylation and Acute Leukemia</i>
	Yoram Cohen, M.D.	Chaim Sheba Medical Center	<i>Germline DNA Methylation and Risk of Ovarian Cancer Among BRCA1/2 Mutation Carriers</i>
	Rivka Dikstein, Ph.D.	Weizmann Institute of Science	<i>Regulation of NF-κB Target Genes by Elongation Factors: Mechanism and Significance</i>
	Zvulun Elazar, Ph.D.	Weizmann Institute of Science	<i>Understanding the Role of ROS and Autophagy in Carcinogenesis</i>
	Michael Elkin, Ph.D.	Hadassah Medical Organization	<i>Radiation-Induced Heparanase Expression in Pancreatic Carcinoma</i>
Tali Haran, Ph.D.	Technion, Israel Institute of Technology	<i>High Throughput Study of p53/DNA Interactions and its Dependence on Binding-Site Identity</i>	

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PROJECT GRANTS <i>(continued)</i>	Yoav Henis, Ph.D.	Tel-Aviv University	<i>Interactions and Endocytosis of Growth-Inhibitory Receptors</i>
	Mahmoud Huleihel, Ph.D.	Ben-Gurion University of the Negev	<i>Propolis, a Natural Agent with Therapeutic Potential for HTLV-1 Adult T-Cell Leukemia</i>
	Shai Izraeli, M.D.	Chaim Sheba Medical Center	<i>Targeting SIL in Epithelial Malignancies</i>
	Shulamit Katzav, Ph.D.	Hebrew University/Hadassah Medical School	<i>Understanding the Role of Vav1, a Hemopoietic Protein, in Pancreatic Cancer</i>
	Martin Kupiec, Ph.D.	Tel-Aviv University	<i>Telomere Length Control and Genome Stability</i>
	Hanah Margalit, Ph.D.	Hebrew University/Hadassah Medical School	<i>Detection of Cancer-Associated Human and Viral miRNAs</i>
	Jacob Rachmilewitz, M.D.	Hadassah Medical Organization	<i>A Role for Natural Killer Cells in the Establishment of Tumor</i>
	Varda Rotter, Ph.D.	Weizmann Institute of Science	<i>The Role of p53 in Cell Differentiation and its Relevance to Cancer</i>
	Siegal Sadetzki, M.D.	Chaim Sheba Medical Center	<i>The BRIP1 Gene - A Candidate Genetic Marker for Radiation Sensitivity in Meningiomas</i>
	Ruth Shalgi, Ph.D.	Tel-Aviv University	<i>Doxorubicin Induced Ovarian Toxicity Mechanism, Possible Executors - Potential Prevention</i>
	Eitan Shaulian, Ph.D.	Hebrew University/Hadassah Medical School	<i>Metabolic Stress Regulated JunB Inhibits Autophagy; A Search for Mechanisms</i>
Itamar Simon, Ph.D.	Hebrew University/Hadassah Medical School	<i>Using a "p53 Focused Array" to Understand p53 Specificity in Gene Regulation</i>	

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PROJECT GRANTS <i>(continued)</i>	Joseph Sperling, Ph.D.	Weizmann Institute of Science	<i>Stress-Induced Alternative Splicing in Health and Disease</i>
	Edit Tshuva, Ph.D.	Hebrew University of Jerusalem	<i>New Cytotoxic Compounds Based on the Biologically Compatible Ti(IV); Mechanistic Aspects</i>
	Ronit Yarden, Ph.D.	Chaim Sheba Medical Center	<i>Elucidating the Molecular Mechanisms of Diet-Gene Interactions in Breast Cancer</i>

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