

## REQUESTS FOR FUNDING 2017 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED	
1	20170008	<i>The Hebrew University of Jerusalem</i>	Prof. Shulamit Katav Shapira	Mechanisms of the synergistic effect between Vav1 & mutant Kras in accelerating <b>Pancreatic Cancer</b> development.	<b>FUNDED</b>
2	20170014	<i>Technion, Israel Institute of Technology</i>	Prof. Nabieh Ayoub	Characterizing the novel role of the tumor suppressor gene, RBM6 in DNA damage response.	<b>Funding Requested \$22,000.00</b>
3	20170024	<i>Ben-Gurion University of the Negev</i>	Dr. Moshe Elkabets	Activation of MET/HGF pathways confers resistance to cetuxumab in <b>Head and Neck Cancer</b> .	<b>Funding Requested \$22,000.00</b>
4	20170034	<i>Tel-Aviv University</i>	Prof. Gil Ast	Analysis of regulatory pathways leading to alternative splicing aberrations in <b>ovarian and colon cancers</b> .	<b>Funding Requested \$52,000.00 (outstanding grant)</b>
5	20170047	<i>Rambam Healthcare Campus</i>	Sr. Shlomit Strulov Shachar	Geriatric assessment & muscle indices as predictive factors for treatment-related toxicity and time to tumor progression (TTP) in elderly patients with advanced <b>Lung &amp; Breast Cancer</b> .	<b>Funding Requested \$22,000.00</b>
6	20170055	<i>Rambam Healthcare Campus</i>	Dr. Itai May	Methylation Dynamics in Adenoma to Carcinoma Sequence of Sporadic <b>Colorectal Cancer</b> .	<b>Funding Requested \$22,000.00</b>
7	20170061	<i>The Hebrew University of Jerusalem</i>	Prof. Hovav Avi-Hai	The impact of high-risk <b>HPV</b> E6 and E7 oncogenes on oral Langerhans cells during the development of <b>Oropharyngeal Squamous Cell Carcinoma</b> .	<b>FUNDED</b>
8	20170063	<i>Sheba Medical Center</i>	Dr. Adrian Duek	Dissecting the JAK2-V617F/STAT1 Pathway, on the way to improving the treatment on myeloproliferative neoplasms ( <b>Blood Cancers</b> ).	<b>FUNDED</b>
9	20170066	<i>Tel Aviv University</i>	Prof. Ron Shamir	Integrative computational <b>analysis of molecular data</b> from cancer patients.	<b>Funding Requested \$52,000.00 (outstanding grant)</b>

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10 20170067	<i>Bar-Ilan University</i>	Dr. Achia Urbach	Modeling Rhabdoid tumors by human pluripotent stem cells ( <b>Pediatric Kidney Cancer</b> ).	<b>FUNDED</b>
11 20170072	<i>Sheba Medical Center</i>	Dr. Raanan Berger	Associations between intra-tumoral T lymphocyte quantity/clonality and overall survival in <b>Metastatic Renal Cell Carcinoma</b> .	<b>FUNDED</b>
12 2017007	<i>Sheba Medical Center</i>	Dr. Keren Levanon	Turning response to neoadjuvant therapy into a predictive biomarker for personalized treatment in high grade serious <b>Ovarian Cancer</b>	<b>FUNDED</b>
13 20170079	<i>Tel Aviv University</i>	Prof. Haim Werner	Identification of thioredoxin-interacting protein (TXNIP as a novel metabloc tumor suppressor gene. ( <b>Thyroid Cancers</b> ).	<b>Funding Requested \$22,000.00</b>
14 20170086	<i>Rambam Helathcare Campus</i>	Dr. Na'ara Shorook	Mechanisms of Radioiodine Resistance in <b>Papillary Thyroid Carcinoma</b> .	<b>Funding Requested \$22,000.00</b>
15 20170100	<i>Ben-Gurion University of the Negev</i>	Prof. Ruti Parvari	Study of the molecular basis of <b>non Medullary Thyroid Cancer</b> by identification & characterization of the mutated gene causing it & its contribution in isolated cases.	<b>Funding Requested \$22,000.00</b>
16 20170101	<i>The Hebrew University of Jerusalem</i>	Prof. Rotem Karni	The role of S6K1 in <b>Breast Cancer</b> resistance to chemotherapy and in DNA repair.	<b>FUNDED</b>
17 20170103	<i>Sheba Medical Center</i>	Dr. Michael Segel	Early diagnosis & pre-emptive therapy of small airway disease in hematopoieticstem cell recipients to prevent bronchiolitis obliterans ( <b>Stem Cell Transplantation-Related Problems</b> ).	<b>FUNDED</b>
18 20170104	<i>MIGAL-Galilee Research Institute</i>	Dr. Maayan Gal	Development of optimized PD-1 and PD-L1 variants as new anti cancer biologic drug ( <b>Immunotherapy</b> )	<b>FUNDED</b>

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19 20170111	Bar-Ilan University	Dr. Itay Onn	Deciphering the molecular basis of genome instability in CHD1 Delta- <b>Prostate Cancer</b> .	<b>FUNDED</b>
20 20170117	Rambam Healthcare Campus	Dr. Rurh Perets	Targeting PAX8 in <b>Gynecological Cancers</b> (PAX 8 is marker to identify cancer cells and may enable more targeted cancer treatments)	<b>FUNDED</b>
21 20170128	Sheba Medical Center	Dr. Yaacov Lawrence	Celiac Plexus Radio-Surgery for <b>Pain Management</b> in Advanced Cancer Patients - a Phase II Trial	<b>Funding Requested \$22,000.00</b>
22 20170132	Sheba Medical Center	Dr. Einav Nili Gal-Yam	Identification of ESR1 mutations in recurrent loco-regional <b>Breast Tumors</b> .	<b>FUNDED</b>
23 20170134	the Hebrew University of Jerusalem	Dr. Eitan Shaulian	Discovering the biological significance of UV regulated lncRNA (RNA molecules with a length of more than 200 nucleotides that do not encode proteins) which affects c-Jun expression	<b>FUNDED</b>
24 20170140	Hadassah Medical Center Ein Kerem Campus	Dr. Amir Sonnenblick	Identifying the role of STAT3 alternative splicing in development of resistance to biological therapy in <b>HER2-positive Breast Tumors</b> .	<b>FUNDED</b>
25 20170146	Tel Aviv University	Prof. Ronit Satchi-Fainaro	Exploiting P-selectin expression in <b>Glioblastoma</b> for the rational design of targeted precision nanomedicines.	<b>FUNDED</b>
26 20170155	Technion, Israel Institute of Technology	Prof. Doron Melamed	Targeting biogenesis of microRNAs for effective <b>immunotherapy of B-cell cancer</b>	<b>Funding Requested \$22,000.00</b>

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27 <b>20170157</b>	<i>Schneider Children's Medical Center</i>	Dr. Sara Elitzur	Assessment of fertility and ovarian reserve in female survivors of <b>Acute Lymphoblastic Leukemia</b> (ALL).	<b>Funding Requested</b> <b>\$22,000.00</b>
28 <b>20170164</b>	<i>Rabin Medical Center Beilinson Campus</i>	Prof. Ronit Abir	Culture of human primordial follicles with neuronal growth factors for <b>fertility restoration after anti-cancer therapy</b> .	<b>Funding Requested</b> <b>\$22,000.00</b>
29 <b>20170176</b>	<i>Tel Aviv Sourasky Medical Center</i>	Dr. Gilad W. Vainer	S6K1 as an Oncogenic Driver in <b>HER2-Breast Cancer</b> (HER2-positive breast cancer is a breast cancer that tests positive for a protein called human epidermal growth factor receptor 2 (HER2), which promotes the growth of cancer cells).	<b>FUNDED</b>
30 <b>20170179</b>	<i>Rambam Healthcare Campus</i>	Dr. Shlomit Yehudai-Reshef	The role of bone marrow stromal cells in <b>Acute Myeloid Leukemia</b> initiation and relapse progression	<b>Funding Requested</b> <b>\$22,000.00</b>
31 <b>20170181</b>	<i>Tel Aviv Sourasky Medical Center</i>	Dr. Tal Shahar	Proteomic analysis of Atypical <b>Meningiomas (Brain Tumors)</b> to identify biomarkers for distinguishing radiotherapy responders from non-responders.	<b>FUNDED</b>
32 <b>20170182</b>	<i>The Weizmann Institute of Science</i>	Prof. Guy Shakhar	Studying how the PD-1 pathway affects the cytotoxicity, metabolism and motility of CTLs inside tumors ( <b>Immune reponse</b> ).	<b>FUNDED</b>
33 <b>20170184</b>	<i>Bar-Ilan University</i>	Prof. Shulamit Michaeli	Development of innovative iron oxide nanoparticles for targeting and silencing of <b>Ovarian Cancer</b> .	<b>Funding Requested</b> <b>\$22,000.00</b>
34 <b>20170185</b>	<i>The Hebrew University of Jerusalem</i>	Dr. Maayan Salton	Chromatin regulation of alternative splicing by p300 in <b>Breast Cancer</b> .	<b>Funding Requested</b> <b>\$22,000.00</b>

Israel Cancer Association is the leading and largest health-related organization in



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			Israel but receives no government funding, depending entirely upon private donations.	
			ICA USA is a nonprofit 501(c)(3) organization established in Palm Beach, Florida. Our mission is to raise funds for fellowships that support cancer research conducted by brilliant scientists at 17 hospitals, universities and institutions throughout Israel.	