

REQUESTS FOR FUNDING
2017 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED	
1	20170008	The Hebrew University of Jerusalem	Prof. Shulamit Katav Shapira	Mechanisms of the synergistic effect between Vav1 and mutant Kras in accelerating Pancreatic Cancer development.	FUNDED
2	20170014	Technion, Israel Institute of Technology	Prof. Nabieh Ayoub	Characterizing the novel role of the tumor suppressor gene, RBM6 in DNA damage response.	Funding Requested \$22,000.00
3	20170024	Ben-Gurion University of the Negev	Dr. Moshe Elkabets	Activation of MET/HGF pathways confers resistance to cetuxumab in Head and Neck Cancer .	Funding Requested \$22,000.00
4	20170034	Tel-Aviv University	Prof. Gil Ast	Analysis of regulatory pathways leading to alternative splicing aberrations in Ovarian and Colon Cancers .	Funding Requested \$52,000.00 (outstanding grant)
5	20170047	Rambam Healthcare Campus	Dr. 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 Lung and Breast Cancer .	Funding Requested \$22,000.00
6	20170055	Rambam Healthcare Campus	Dr. Itai Maza	Methylation Dynamics in Adenoma to Carcinoma Sequence of Sporadic Colorectal Cancer .	Funding Requested \$22,000.00
7	20170061	The Hebrew University of Jerusalem	Prof. Hovav Avi-Hai	The impact of high-risk HPV E6 and E7 oncogenes on oral Langerhans cells during the development of Oropharyngeal Squamous Cell Carcinoma .	FUNDED
8	20170063	Sheba Medical Center	Dr. Adrian Duek	Dissecting the JAK2-V617F/STAT1 Pathway, on the way to improving the treatment on myeloproliferative neoplasms (Blood Cancers).	FUNDED
9	20170066	Tel Aviv University	Prof. Ron Shamir	Integrative computational analysis of molecular data from cancer patients. Bioinformatics (computational biology) is a new field that uses techniques from computer science and mathematics to solve problems in biology and medicine, by developing advanced computational techniques. Due to the enormous volume of data in cancer research, analysis cannot be done efficiently without bioinformatics .	Funding Requested \$52,000.00 (outstanding grant)
10	20170067	Bar-Ilan University	Dr. Achia Urbach	Modeling Rhabdoid tumors by human pluripotent stem cells (Pediatric Kidney Cancer).	FUNDED

REQUESTS FOR FUNDING
2017 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED
11 20170072	Sheba Medical Center	Dr. Raanan Berger	Associations between intra-tumoral T lymphocyte quantity/clonality and overall survival in Metastatic Renal Cell Carcinoma .	FUNDED
12 2017007	Sheba Medical Center	Dr. Keren Levanon	Turning response to neoadjuvant therapy into a predictive biomarker for personalized treatment in high grade serious Ovarian Cancer .	FUNDED
13 20170079	Tel Aviv University	Prof. Haim Werner	Identification of thioredoxin-interacting protein (TXNIP as a novel metabloc tumor suppressor gene.(Thyroid Cancers).	Funding Requested \$22,000.00
14 20170086	Rambam Healthcare Campus	Dr. Na'ara Shorook	Mechanisms of Radioiodine Resistance in Papillary Thyroid Carcinoma .	Funding Requested \$22,000.00
15 20170100	Ben-Gurion University of the Negev	Prof. Ruti Parvari	Study of the molecular basis of non Medullary Thyroid Cancer by identification and characterization of the mutated gene causing it in a large family and its contribution in isolated cases.	Funding Requested \$22,000.00
16 20170101	The Hebrew University of Jerusalem	Prof. Rotem Karni	The role of S6K1 in Breast Cancer resistance to chemotherapy and in DNA repair.	FUNDED
17 20170103	Sheba Medical Center	Dr. Michael Segel	Early diagnosis and pre-emptive therapy of small airway disease in hematopoieticstem cell recipients to prevent bronchiolitis obliterans (Stem Cell Transplantation-Related Problems).	FUNDED
18 20170104	MIGAL-Galilee Research Institute	Dr. Maayan Gal	Development of optimized PD-1 and PD-L1 variants as new anti cancer biologic drug (Immunotherapy).	FUNDED
19 20170111	Bar-Ilan University	Dr. Itay Onn	Deciphering the molecular basis of genome instability in CHD1 Delta- Prostate Cancer .	FUNDED
20 20170117	Rambam Healthcare Campus	Dr. Rurh Perets	Targeting PAX8 in Gynecological Cancers (PAX 8 is marker to identify cancer cells and may enable more targeted cancer treatments).	Funding Requested \$22,000.00

REQUESTS FOR FUNDING 2017 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED	
21	20170128	Sheba Medical Center	Dr. Yaacov Lawrence	Celiac Plexus Radio-Surgery for Pain Management in Advanced Cancer Patients - a Phase II Trial.	Funding Requested \$22,000.00
22	20170132	Sheba Medical Center	Dr. Einav Nili Gal-Yam	Identification of ESR1 mutations in recurrent loco-regional Breast Tumors.	FUNDED
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 in Melanoma and other cancers.	FUNDED
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 HER2-positive Breast Tumors.	FUNDED
25	20170146	Tel Aviv University	Prof. Ronit Satchi- Fainaro	Exploiting P-selectin expression in Glioblastoma for the rational design of targeted precision nanomedicines.	FUNDED
26	20170155	Technion, Israel Institute of Technology	Prof. Doron Melamed	Targeting biogenesis of microRNAs for effective immunotherapy of B-cell cancer.	Funding Requested \$22,000.00
27	20170157	Schneider Children's Medical Center	Dr. Sara Elitzur	Assessment of fertility and ovarian reserve in female survivors of Acute Lymphoblastic Leukemia (ALL).	Funding Requested \$22,000.00
28	20170164	Rabin Medical Center Beilinson Campus	Prof. Ronit Abir	Culture of human primordial follicles with neuronal growth factors for fertility restoration after anti-cancer therapy.	Funding Requested \$22,000.00
29	20170176	Tel Aviv Sourasky Medical Center	Dr. Gilad W. Vainer	S6K1 as an Oncogenic Driver in HER2-Breast Cancer (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).	FUNDED
30	20170179	Rambam Healthcare Campus	Dr. Shlomit Yehudai-Reshef	The role of bone marrow stromal cells in Acute Myeloid Leukemia initiation and relapse progression.	Funding Requested \$22,000.00

REQUESTS FOR FUNDING 2017 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED
31 20170181	Tel Aviv Sourasky Medical Center	Dr. Tal Shahar	Proteomic analysis of Atypical Meningiomas (Brain Tumors) to identify biomarkers for distinguishing radiotherapy responders from non-responders.	FUNDED
32 20170182	The Weizmann Institute of Science	Prof. Guy Shakhar	Studying how the PD-1 pathway affects the cytotoxicity, metabolism and motility of CTLs inside tumors (Immune reponse). Anti-PD-1 treatment is now expanding from Melanoma to other tumors. To optimize treatment, we need to understand how exactly the function of killer T cells improves inside tumors once their PD-1 molecule is blocked.	FUNDED
33 20170184	Bar-Ilan University	Prof. Shulamit Michaeli	Development of innovative iron oxide nanoparticles for targeting and silencing of Ovarian Cancer .	Funding Requested \$22,000.00
34 20170185	The Hebrew University of Jerusalem	Dr. Maayan Salton	Chromatin regulation of alternative splicing by p300 in Breast Cancer .	Funding Requested \$22,000.00

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