

REQUESTS FOR FUNDING 2019 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED	
1	20190001	Tel-Aviv University	Prof. Ronit Pinkas-Kramarski	Targeting the interaction between ErbB receptors and nucleolin.	Funding Requested \$22,000
2	20190009	Meir Medical Center	Dr. Maya Gottfried	Comparing the response of lung cancer cells to microvesicles derived from mesenchymal stem cells of primary versus metastatic niches.	Funding Requested \$22,000
3	20190012	Sheba Medical Center	Dr. Jacob Korach	Biological Therapy for Ovarian Granulosa Cell Tumors with CDK4/6 inhibitors.	Funding Requested \$22,000
4	20190015	Hadassah Medical Center Ein Kerem Campus	Dr. Nir Hirshoren	Cell-type specific methylation patterns in circulating DNA for head and neck malignancies .	Funding Requested \$22,000
5	20190023	Tel-Aviv University	Prof. Ariel Munitz	Role of eosinophils derived-granule proteins in colorectal cancer .	Funding Requested \$52,000
6	20190024	The Hebrew University of Jerusalem	Dr. Einav Gross	Ferritin function in cancer development. As the major iron storage protein, ferritin has been linked with iron metabolism for many years. Elevated ferritin in cancer cells may be connected to cancer progression, resistance to therapies, or poor prognosis.	Funding Requested \$22,000

**REQUESTS FOR FUNDING
2019 CANCER RESEARCH FELLOWSHIPS**

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED	
7	20190025	<i>Meir Medical Center</i>	Dr. Irit Shefler	Lung cancer -derived microvesicles: a mediator of mast cell activation in the tumor microenvironment.	<i>Funding Requested</i> <i>\$52,000</i>
8	20190026	<i>The Hebrew University of Jerusalem</i>	Prof. Sara Eyal	Transporter-based interference of histone deacetylase inhibitors with tumor imaging .	<i>Funding Requested</i> <i>\$22,000</i>
9	20190028	<i>Ariel University</i>	Dr. Gabi Gerlitz	The nuclear lamina of tumor migrating cells. Many cancer types including ovarian cancer have lost or reduced expression of Lamin A/C, a structural component of the lamina matrix that underlies the nuclear envelope in differentiated cells.	<i>Funding Requested</i> <i>\$22,000</i>

**REQUESTS FOR FUNDING
2019 CANCER RESEARCH FELLOWSHIPS**

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED
10 20190030	<i>Ben-Gurion University of the Negev</i>	Prof. Ron Apte	Involvement of IL-1 in metastasis of triple negative breast cancer (TNBC) .	<i>Funding Requested \$22,000</i>
11 20190040	<i>Rabin Medical Center Beilinson Campus</i>	Dr. Uri Rozovski	The role of circRNA in the pathogenesis of chronic lymphocytic leukemia (CLL) .	<i>Funding Requested \$22,000</i>
12 20190041	<i>The Weizmann Institute of Science</i>	Dr. Rony Dahan	Therapeutic effect of FcR signaling by human anti-PD-L1 antibodies.	<i>Funding Requested \$22,000</i>
13 20190056	<i>The Hebrew University of Jerusalem</i>	Dr. Michael Klutstein	Cancer-Testis Antigens (CTA) as Specific Markers of Tumor Cells and Mediators of Genomic Instability.	<i>Funding Requested \$22,000</i>
14 20190057	<i>Hadassah Medical Center Ein Kerem Campus</i>	Dr. Yakir Rotenberg	Intranasal delivery of Paclitaxel /Cisplatin for treating Leptomeningeal Carcinomatosis , a rare complication of cancer in which the disease spreads to the membranes (meninges) surrounding the brain and spinal cord. LC occurs in approximately 5% of people with cancer and is usually terminal.	<i>Funding Requested \$52,000</i>

REQUESTS FOR FUNDING 2019 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED
15 20190061	Hadassah Medical Center Ein Kerem Campus	Prof. Zvi Fridlender	The impact of manipulating cancer-related neutrophils on the efficacy of chemotherapy and immunotherapy in lung cancer .	Funding Requested \$22,000
16 20190066	Sheba Medical Center	Dr. Iris Gluck	Optimizing abstinence from smoking in head and neck cancer patients utilizing combined modality therapy.	FUNDED
17 20190069	Sheba Medical Center	Prof. Mery Bakhanashvili	The participation of p53 in mitochondrial RNA degradation.	Funding Requested \$22,000
18 20190070	Kaplan Medical Center	Dr. Sagi Tshori	Deciphering the role of lysyl tRNA synthetase- di-adenosine tetraphosphate- Nudt2 hydrolase pathway in melanoma .	Funding Requested \$22,000
19 20190072	Hadassah Medical Center Ein Kerem Campus	Dr. Ori Wald	Identification of Chemotherapy Induced Immune Alternations in Malignant Pleural Mesothelioma . A step towards the rational design of effective chemo-immune based combination treatments for this disease.	Funding Requested \$22,000

REQUESTS FOR FUNDING 2019 CANCER RESEARCH FELLOWSHIPS

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED	
20	20190077	Tel-Aviv University	Dr. Dinora Frisemann-Morvinski	Identification of novel immunotherapy targets in glioblastoma .	FUNDED
21	20190080	Sheba Medical Center	Dr. Ido Didi Fabian	Electroporation for the treatment of retinoblastoma in a rabbit model.	Funding Requested \$22,000
22	20190081	Sheba Medical Center	Dr. Yair Bar	Lung cancer ex-vivo culture as a model of combined chemo-immunotherapy treatments .	Funding Requested \$22,000
23	20190082	Kaplan Medical Center	Dr. Ella Evron	Prophylactic Irradiation to the Contralateral Breast for BRCA Mutation Carriers with Early Mammary Cancer .	FUNDED
24	20190086	Sheba Medical Center	Dr. Lior Zach	Biological model for MRI treatment response assessment maps (TRAM).	Funding Requested \$22,000

**REQUESTS FOR FUNDING
2019 CANCER RESEARCH FELLOWSHIPS**

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED
25 20190089	Sheba Medical Center	Dr. Rinat Berenstein- Molho	Subtype switch between primary and recurrent breast cancer : the underlying molecular mechanism and therapeutic implications.	FUNDED
26 20190093	Rabin Medical Center Beilinson Campus	Dr. Emmilia Hodak	The genetic basis of familial mycosis fungoides (cutaneous T-cell lymphoma of the skin).	Funding Requested \$22,000
27 20190098	Tel-Aviv University	Prof. Zvi Fishelson	Characterization of toxicity of mimetic mortalin peptides on leukemia/lymphoma cells .	Funding Requested \$22,000
28 20190100	Technion -Israel Institute of Technology	Prof. Natan Karin	The role of CCR8+ Tregs as immune checkpoints in melanoma .	Funding Requested \$22,000

**REQUESTS FOR FUNDING
2019 CANCER RESEARCH FELLOWSHIPS**

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED	
29	20190102	<i>Technion -Israel Institute of Technology</i>	Prof. Yoav Livney	Novel targeted oral anti-cancer drug delivery systems based on aptamer-decorated polymeric nanovehicles.	<i>Funding Requested \$22,000</i>
30	20190107	<i>Hadassah Mt. Scopus Hospital</i>	Dr. Achinoam Lev-Sagie	CO2 Laser therapy for the treatment of genitourinary syndrome of menopause in patients with breast cancer	<i>FUNDED</i>
31	20190109	<i>Haifa University</i>	Dr. Neomi Schreuer	Feasibility of an occupational therapy intervention to improve participation in meaningful activities among women with breast cancer .	<i>FUNDED</i>
32	20190111	<i>Technion -Israel Institute of Technology</i>	Dr. Noga Ron-Harel	Overcoming cellular metabolic hurdles to augment anti cancer T cell response in the aged .	<i>Funding Requested \$22,000</i>
33	20190112	<i>Hadassah Medical Center Ein Kerem Campus</i>	Dr. Rena Pollack	Early Identification of Patients at Risk for the Development of Immune Checkpoint Inhibitor-Induced Endocrine Dysfunction .	<i>Funding Requested \$22,000</i>

**REQUESTS FOR FUNDING
2019 CANCER RESEARCH FELLOWSHIPS**

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED
34 20190118	Tel-Aviv University	Dr. Limor Broday	Modeling the EML4-ALK oncogene in C. elegans.	Funding Requested \$22,000
35 20190124	Sheba Medical Center	Dr. Ariel Shimoni-Sebag	A new approach to pancreatic cancer : sensitizing tumors to radiation therapy through manipulation of metabolic pathways.	Funding Requested \$22,000
36 20190126	Rambam Health Care Campus	Dr. Yishai Ofran	Phase II prospective multicenter study, to select patients with predictive good outcome out of intermediate risk acute myeloid leukemia patients , according to the results of bone marrow by the fifth day of induction and identification of the unique molecules.	FUNDED
37 20190129	Sheba Medical Center	Dr. Moran Gadat	Characterization of quantity and clonality of Tumor Infiltrating Lymphocytes in different subtypes of Renal Cell Carcinoma and association with development of metastases	Funding Requested \$22,000



**REQUESTS FOR FUNDING
2019 CANCER RESEARCH FELLOWSHIPS**

REF. #	INSTITUTION	RESEARCHER	RESEARCH SUBJECT	FUNDING REQUESTED
38 20190136	Tel Aviv Sourasky Medical Center	Dr. Guy Lahat	Omental Fat- Exosomes Promote Gastric Cancer Aggressiveness through Oncostatin-M: A Potential Novel Mechanism of Peritoneal Metastasis.	Funding Requested \$22,000
39 20190139	Sheba Medical Center	Dr. Naomi Pode Shakked	Genetic engineering based novel therapeutic approaches against Wilms' tumor.	Funding Requested \$52,000
40 20190141	Haifa University	Dr. Dalit Barkan	Promoting tumor dormancy of breast cancer cells by inducing their reversion to a normal-like phenotype.	Funding Requested \$22,000
41 20190143	Sheba Medical Center	Dr. Dalit Modan	Obesity, depression, and chronic stress in survivors of childhood cancer .	Funding Requested \$22,000

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 fellowships that support cancer research conducted by brilliant scientists at hospitals, universities and institutions throughout Israel.