

ICA USA has published the following list of Research Fellowships available for funding in 2021.

For more information or individual fellowship abstracts please call ICA USA at 561-832-9277.

2021 Research Grant Requests

Mechanisms of co-operation between Vav1 and mutant K-Ras in lung cancer development funding

Prof. Shulamit Katzav Shapira, Hebrew University
Funding Requested 22,000, **#20210002**

Effects of cholesterol on TGF- β signaling in malignant and non-malignant breast cells

Prof. Yoav Henis, Tel Aviv University
Funding Requested \$22,000, **#20210004**

Revealing the path through which liver steatosis develops to hepatocellular carcinoma, using a highly controlled transgenic model

Prof. David Engelberg, Hebrew University
Funding Requested \$22,000, **#20210007**

The role of Periostin as a mediator of cancer progression following cardiac remodeling

Prof. Ami Aronheim, Technion
Funding Requested \$22,000, **#20210009**

Identifying genes involved in the preference of pediatric high-grade glioma toward the brainstem

Prof. Oded Behar, Hebrew University
Funding Requested \$22,000, **#20210011**

Identification of novel targets in myeloid leukemia stem cells for drug discovery

Dr. Boaz Nachmias, Hadassah Ein Kerem Medical Center
Funding Requested \$52,000, **#20210013**

Clinical and genetic analysis of familial oral lichen planus – a risk group for oral cancer

Prof. Rakefet Czerninski, Hadassah Ein Kerem Medical Center
Funding Requested \$22,000, **#20210015**

Activating the inhibitory receptors Ceacam1 and Siglec-7 as a novel immunopharmacological tool for treating colorectal cancer

Prof. Francesca Levi Schaffer, Hebrew University
Funding Requested \$52,000, **#20210024**

Identifying cancer-associated noncoding mutations that affect RNA G-quadruplex folding

Dr. Yaron Orenstein, Ben Gurion University
Funding Requested \$22,000, **#20210025**

Detection of RNA Biomarkers in Ovarian Cancer by FIT-PNAs

Prof. Reuven Reich, Hebrew University
Funding Requested \$22,000, **#20210027**

Histone ubiquitination in squamous cell carcinomas

Dr. Idan Cohen, Ben Gurion University
Funding Requested \$22,000, **#20210033**

Inhibition of HSP90 for ALK-positive lung cancer immunotherapy

Dr. Michael Peled, Sheba Medical Center
Funding Requested \$22,000, **#20210035**

Cannabis use by children in Hemato-oncology departments: Qualitative Research about Parent's Point of View

Prof. Pesach Shvartzman, Ben Gurion University
Funding Requested \$22,000, **#20210039**

How can the anti-EMMPRIN antibody (h161-mAb) treatment change the tumor microenvironment?

Dr. Michal (Miki) Rahat, Carmel Medical Center
Funding Requested \$22,000, **#20210046**

Inhibiting cohesin by peptides as a new strategy to restrain cancer cell proliferation

Dr. Itay Onn, Bar Ilan University
Funding Requested \$22,000, **#20210048**

A novel, non-enzymatic role for cyclooxygenase-2 in proliferation of colon cancer funding

Dr. Liza Barki-Harrington, Haifa University
Funding Requested \$22,000, **#20210063**

Stigma and its expressions in medical encounters with cancer patients and its impact on perceived patient centered care

Prof. Efrat Dagan, Haifa University
Funding Requested \$22,000, **#20210064**

Inhibition of breast cancer metastasis by blocking Pyk2-mediated signaling in invadopodia

Dr. Hava Gil-Henn, Bar Ilan University
Funding Requested \$22,000, **#20210071**

Overcoming cisplatin resistance by manipulating DNA damage formation and repair

Dr. Shira Adar, Hebrew University
Funding Requested \$22,000, **#20210078**

Systematically establishing the processes leading from fumarate hydratase loss to tumorigenesis

Dr. Yoav Shaul, Hebrew University
Funding Requested \$52,000, **#20210079**

Printed Implants for Bone Regeneration Following Tumor Resection

Dr. Lihi Adler-Abramovich, Tel Aviv University
Funding Requested \$22,000, **#20210086**

Application of Treatment Response Assessment Maps (TRAMs) for brain tumors treated with Proton Beam Radiotherapy

Dr. Leor Zach, Sheba Medical Center
Funding Requested \$22,000, **#20210089**

The Effects of Immunotherapy on Cognitive Function: A Prospective Study in Melanoma Patients

Dr. Roi Tschernichovsky, Davidoff Medical Center
Funding Requested \$22,000, **#20210092**

Monitoring treatment efficacy and relapse of lymphoma patients by a transposon methylation assay

Dr. Meir Shamay, Bar Ilan University
Funding Requested \$22,000, #20210093

Prediction of multiple myeloma progression based on serum free light chain monomers and dimers analysisfunding

Dr. Moshe Gatt, Hadassah Ein Kerem Medical Center
Funding Requested 22,000, #20210095

T cell therapy for metastatic mutant KRAS Pancreatic Ductal Adenocarcinoma

Dr. Talia Golan, Sheba Medical Center
Funding Requested \$22,000, #20210132

Utilizing the off targeted sequencing reads to infer clinically relevant mutational processes

Dr. Yosef Marvuka, Technion
Funding Requested \$52,000, #20210097

The role of miR-184 in Squamous cell carcinoma

Dr. Emily Avitan-Hersh, Rambam Medical Center
Funding Requested \$22,000, #20210135

Identification of novel checkpoint blockade targets in tumor infiltrating CD8 T cells

Dr. Asaf Madi, Tel Aviv University
Funding Requested \$22,000, #20210145