

## ACS-IRG Awardee List 2015-2022

Year	Investigator	Department	Project Title
2022	Yoon Kang, Ph.D., Assistant Professor	IM, Hematology	Investigating the Function of Distinct Myeloid-Biased Multipotent Progenitor Subsets in the Pathogenesis of Myeloid Malignancies
2022	Sytse Piersma, Ph.D., Instructor	IM, Rheumatology	Exploiting Natural Killer Cells in Immunotherapy-Induced MHC-I Tumor Escape
2022	Patricia Ribeiro Pereira, Ph.D., Assistant Professor	Radiology	Clicking Antibodies on the Cell Surface to Reverse Drug Resistance in Cancer
2022	Jeffrey Ward, M.D., Ph.D., Assistant Professor	IM, Oncology	Mechanisms of Immune Checkpoint Therapy Resistance in STK11-Mutant Lung Adenocarcinoma
2021	Abby Green, M.D., Assistant Professor	Pediatrics	Therapeutic Vulnerabilities Presented by DNA Deaminases in Acute Myeloid Leukemia
2021	Maura Kepper, Ph.D., Research Assistant Professor	Prevention Research Center – Brown School	Health Information Technology to Promote Cardiovascular Health Among AYA Cancer Survivors
2021	Stephanie Markovina, M.D., Ph.D., Assistant Professor	Radiation Oncology	Exploiting the Cancer Lysosome as a Tool for Radiosensitization
2021	Allegra Petti, Ph.D., Assistant Professor	Neurological Surgery	Genetic, Epigenetic, and Immunological Heterogeneity at the Glioblastoma Tumor Margin
2021	Sidharth Puram, M.D., Ph.D., Assistant Professor	Otolaryngology	Partial Epithelial-to-Mesenchymal Transition (p-EMT) as a Drive of Chemoradiation Resistance in Head and Neck
2020	Stefanie Geisler, M.D., Assistant Professor	Neurology	Boosting NAD+ to Prevent Chemotherapy-Induced Neuropathy
2020	Eric Kim, M.D. Assistant Professor	Surgery	Evaluation of Diffusion Basis Spectrum Imaging to Accurately and Non-Invasively Diagnose Prostate Cancer
2020	Hanwen Zhang, Ph.D., Assistant Professor	Radiology	PET/Optical Reporter-Conjugated PSMA Inhibitor for Targeting Imaging of PSMA in Oligomets of Prostate Cancer
2019	Hamza Celik, Ph.D., Instructor	IM, Oncology	Development of a Humanized Animal Model of Myelofibrosis as a Pre-clinical Screening Platform
2019	Matthew Christopher, M.D., Ph.D., Assistant Professor,	IM, Oncology	Interferon Gamma Treatment to Sensitize AML Cells to the Graft versus Leukemia Effect
2019	Ha X. Dang, Ph.D., Instructor	IM, Oncology	Evaluating the Androgen Receptor Enhancer as a Non-Invasive Biomarker of Prostate Cancer Progression
2019	Kristen Sanfilippo, M.D., Assistant Professor	IM, Oncology	Prediction and Prevention of Venous Thromboembolism in Multiple Myeloma
2018	Hong Chen, Ph.D., Assistant Professor	Biomedical Engineering	Noninvasive, Localized, and Direct Brain Drug Delivery by Focused Ultrasound-mediated Intranasal Delivery (FUSIN)
2018	Angela Hirbe, M.D., Ph.D., Assistant Professor	IM, Medical Oncology	The role of TRIM23 in MPNST progression
2018	Iskra Pusic, M.D., Assistant Professor	IM, Bone Marrow Transplant	A Pilot Study of Belimumab For Prevention Of Chronic Graft-Versus-Host Disease

2018	David Spencer, M.D., Ph.D., Assistant Professor	IM, Bone Marrow Transplant	Defining the Cis-Regulatory Sequences Required for HOXA Expression in Acute Myeloid Leukemia
2017	Katherine Fuh, M.D., Ph.D., Assistant Professor	Obstetrics & Gynecology	Inhibiting AXL to Restore Chemosensitivity in Metastatic Uterine Cancer
2017	Andrea Hagemann, M.D., Assistant Professor	Obstetrics & Gynecology	Scale Down: A Randomized, Controlled Weight-Loss Intervention for Endometrial Cancer Survivors
2017	Haeseong Park, M.D., M.P.H., Assistant Professor	IM, Oncology	Transferrin Receptor as a Potential Target for a Novel Nanophototherapy
2017	Amit Pathak, Ph.D., Assistant Professor	Mechanical Engineering & Material Sciences	Mechanical Memory in Tumor Invasion across Dissimilar Microenvironments
2016	Samantha Morris, Ph.D., Assistant Professor	Developmental Biology	A Network Biology Approach to Dissect the Etiology and Progression of Hepatoblastoma
2016	Chris Sturgeon, Ph.D., Assistant Professor	IM, Hematology	Characterization of hPSC-Derived NK Cells for Adoptive Immunotherapy
2016	Lukas Wartman, M.D., Assistant Professor	IM, Oncology	Histone H3 Modifications and Epigenomics in Lung Cancer
2016	Nicole White, Ph.D., Instructor	IM, Oncology	Understanding the Function of the Novel Long Noncoding RNA, LCAL5, in Lung Cancer
2015	Sergej Djuranovic, Ph.D., Assistant Professor	Cell Biology & Physiology	Regulation of Genes by Ribosome Stalling in Cancer Cell Growth
2015	Gavin Dunn, M.D., Ph.D., Assistant Professor	Neurological Surgery	The Effect of Checkpoint Blockade Immunotherapy on Malignant Glioma Immunogenicity
2015	Obi Griffith, Ph.D., Assistant Professor	IM, Oncology	Defining the Key Regulatory Mutations of Triple-Negative Breast Cancer
2015	Michael Onken, Ph.D., Assistant Professor	Cell Biology & Physiology	Identifying the Genomic Targets of BAP1 in Uveal Melanoma
2015	Laura Schuettpelez, Ph.D., M.D., Assistant Professor	IM, Hematology	Elucidating the Role of TLR2 Signaling in Regulating Hematopoietic Stem Cell Differentiation and in MDS Pathogenesis