

SUMMARY OF PILOT PROJECT GRANTS¹

Term of Award²	Investigator Name, Degree Academic Title³	Department, School	Project Title⁴
2021	Adjoa Anyane-Yeboah, MD, MPH Instructor	Medicine, Harvard Medical School	*Improving Community Access to Colonoscopy for Colorectal Cancer Screening – A Pilot Program
2021	Liron Bar-Peled, PhD Assistant Professor	Medicine, Harvard Medical School	Chemical Proteomic Identification of Druggable Transcriptional Drivers in HR+ Breast Cancers
2021	Tejaswini More Dhawale, MD Instructor	Medicine, Harvard Medical School	*Communication about Chimeric Antigen Receptor T-cell (CAR-T) Therapy: Patients' and Caregivers' Understanding of Their Treatment Risks and Benefits
2021	Joseph Wang Franses, MD, PhD Instructor	Medicine, Harvard Medical School	Spatial transcriptional profiling of hepatocellular carcinoma tissue to define intratumor and intertumor heterogeneity
2021	William L. Hwang, MD, PhD Instructor	Radiation Oncology, Harvard Medical School	Cell state plasticity in pancreatic cancer tumorigenesis and therapeutic resistance elucidated by concurrent single-nucleus chromatin accessibility and gene expression
2020	Raj K. Gopal, MD, PhD Instructor	Medicine, Harvard Medical School	Leveraging Genetic Insights to Detect and Target Hürthle cell carcinoma Vulnerabilities
2020	Daniel L. Hall, PhD Instructor / Assistant Professor	Psychiatry, Harvard Medical School	Adapted Telehealth Intervention for Insomnia among Cancer Survivors
2020	Andrew S. Liss, PhD Assistant Professor	Surgery, Harvard Medical School	Collagen XVII signaling in Pancreatic Cancer
2020	Erica S. Shenoy, MD, PhD Assistant Professor	Medicine, Harvard Medical School	Screening for Asymptomatic <i>Clostridioides difficile</i> Colonization Among Hematology/Oncology Patients at Time of Hospital Admission
2020	Eric Wehrenberg-Klee, MD Instructor	Radiology, Harvard Medical School	Evaluation of Adjunctive Cryoablation to Increase Pembrolizumab Response in Metastatic Urothelial Carcinoma

2019	Christine Chiasson-Mackenzie, PhD, Instructor	Medicine, Harvard Medical School	Macropinocytosis in human cancer
2019	Zachariah DeFilipp, MD, Assistant Professor	Medicine, Harvard Medical School	Fecal microbiota transplantation capsules for steroid-refractory acute gastrointestinal graft-versus-host disease
2019	Deborah A. Forst, MD, Instructor	Neurology, Harvard Medical School	Patient-Clinician Communication in Patients with Malignant Glioma
2019	Rachel B. Jimenez, MD, Assistant Professor	Radiation Oncology, Harvard Medical School	Proton versus Conventional Radiation and Cardiac Structure and Function among Women with Breast Cancer
2018	Ibiayi Dagogo-Jack, MD, Instructor	Medicine, Harvard Medical School	Characterizing and Overcoming Alectinib Resistance in ALK + Lung Cancer
2018	Anna Farago, M.D., PhD, Instructor / Assistant Professor	Medicine, Harvard Medical School	Small cell lung cancer tissue microarrays for biomarker analysis
2018	Efren Flores, MD, Instructor / Assistant Professor	Radiology, Harvard Medical School	Reducing Disparities in Lung Cancer Screening for Individuals with Severe Medical Illness
2018	Laura Petrillo, MD, Instructor	Medicine, Harvard Medical School	Patient-Oncologist Communication and Decision Making Among Patients with Metastatic Non-Small Cell Lung Cancer and Targetable Mutations
2018	Jacob Soumerai, MD, Clinical Instructor / Assistant Professor	Medicine, Harvard Medical School	Eradicating Minimal Residual Disease in Chronic Lymphocytic Leukemia
2017	Genevieve Boland, MD, PhD, Assistant Professor	Surgery, Harvard Medical School	Exosomal RNA as a tool for predicting and monitoring response to aPD1 therapy in melanoma.
2017	Lipika Goyal, MD, MPhil, Instructor / Assistant Professor	Medicine, Harvard Medical School	Identifying therapeutic strategies for FGFR inhibition in Intrahepatic Cholangiocarcinoma

2017	Ryan Nipp, MD, Instructor / Assistant Professor	Medicine, Harvard Medical School	Identifying the components of informed treatment decision-making in patients with pancreatic cancer receiving preoperative therapy
2017	Aparna Parikh, MD, Assistant Professor	Medicine, Harvard Medical School	Circulating tumor DNA to predict tumor recurrence in colorectal and pancreatic cancer patients undergoing resection with curative intent
2017	Zofia Piotrowska, MD, MHS, Instructor / Assistant Professor	Medicine, Harvard Medical School	Overcoming heterogeneity and resistance in EGFR-mutant NSCLC
2016	Shadmehr Demehri MD, Ph.D., Assistant Professor / Associate Professor	Dermatology, Harvard Medical School	Mechanism of TSLP-induced Anti-tumor Immunity against Breast Cancer
2016	Giselle Perez, Ph.D., Assistant Professor	Psychiatry, Harvard Medical School	Promoting Stress Management and Resilience Among Lymphoma Survivors Transitioning off Treatment
2016	Mario Suva, M.D., Ph.D., Assistant Professor / Associate Professor	Pathology, Harvard Medical School	Redefining human low-grade gliomas at single-cell resolution
2016	Lara Traeger, Ph.D., Assistant Professor	Psychiatry, Harvard Medical School	Identifying critical elements of real-time discussions between providers, patients and families at the end of life
2016	Shannon Stott, Ph.D., Assistant Professor	Medicine, Harvard Medical School	Engineering tools to elucidate the biogenesis and molecular content of exosomes
2015	Areej El-Jawahri, MD, Instructor / Assistant Professor	Medicine, Harvard Medical School	Psychological Distress, Symptom burden, Quality of Life, and Coping in Patients with Chronic Graft-Versus-Host Disease
2015	Kelly E. Irwin, MD, Instructor / Assistant Professor	Psychiatry, Harvard Medical School	Early Psychiatry Consultation for Individuals with Severe Mental Illness and Cancer*
2015	David B. Sykes, MD, PhD, Instructor / Assistant Professor	Medicine, Harvard Medical School	Targeting the pathway of de novo uridine biosynthesis as differentiation therapy in the treatment of acute myeloid leukemia.

2015	Cesar M. Castro, MD, MSc, Instructor / Assistant Professor	Medicine, Harvard Medical School	Illuminating the Shadows of Cervical Disease using a Mobile Platform
2015	Gabriela Hobbs, MD, Instructor / Assistant Professor	Medicine, Harvard Medical School	Pre-clinical Assessment of PD-1 as a Target in Myeloproliferative Neoplasms
2014	Amir Fathi, MD, BS, Assistant Professor / Associate Professor	Medicine, Harvard Medical School	Assessing Minimal Residual Disease as a Predictor
2014	Kaspar Lage Hansen, MSc, PhD, Assistant Professor / Associate Professor	Medicine, Harvard Medical School Surgery, Harvard Medical School	Protein Network Rewiring Due to Somatic Driver
2014	Inga Lennes, MD, MPH, MBA, Instructor	Medicine, Harvard Medical School	Personalized Patient Feedback Communication*
2014	Abner Louissaint, MD, PhD, Assistant Professor (Instructor at time of award)	Pathology, Harvard Medical School	Molecular Genetic Characterization of Pediatric-Type Follicular Lymphoma
2014	Amity Manning, MD, Instructor	Medicine, Harvard Medical School	Manipulation of chromatin structure as a therapeutic approach to target CIN
2013	Catherine Lubitz, MD, MPH, Assistant Professor	Surgery, Harvard Medical School	Optimization of treatment of papillary thyroid cancer: a risk- tailored approach
2013	Jorg Dietrich, MBA, MD, PhD, MMSc, Assistant Professor	Neurology, Harvard Medical School	Identification strategies to enhance endogenous nervous system repair following cancer therapy
2013	Jennifer Wo, MD, Assistant Professor	Radiation Oncology, Harvard Medical School	Determination of prognostic significance of Bcl-2 and HPV 16, and mutational analysis following concurrent definitive chemoradiation for squamous cell carcinoma of the anal canal
2013	Min Yu, MD, PhD, Assistant Professor (Instructor at time of award)	Department of Stem Cell Biology and Regenerative Medicine; Norris Comprehensive Cancer Center of USC, University of Southern California	Characterizing the role of TAK1 in circulating tumor cells and metastasis

2013	Jennifer Shin, MD, Instructor	Medicine, Harvard Medical School	Pilot study of a hospice video decision aid in patients with metastatic breast cancer*
2012	Woo Jae Kim, PhD, MS, Instructor	Medicine, Harvard Medical School	Functional characterization of Wilm's tumor suppressor WTX
2012	Ryan Corcoran, MD, PhD, Assistant Professor	Medicine, Harvard Medical School	Identification of novel targeted therapy combination strategies for KRAS mutant cancers
2012	Andrew Chi MD, PhD, Assistant Professor	Neurology, Harvard Medical School	Validating IDH1 mutation as a therapeutic target in glioblastoma
2012	Travis Baggett, MD, MPH, Assistant Professor (Instructor at time of award)	Medicine, Harvard Medical School	Cancer incidence, prevalence, and mortality among homeless adults in Boston
2012	Carlos G. Fernandez-Robles, MD, Instructor	Psychiatry, Harvard Medical School	Prevention of Delirium After Bone Marrow Transplantation*