

*Co-funded by DGSOM and the Jonsson Comprehensive Cancer Center only

Cycle	PI Name	Institution	Theme	Proposal Title
2022	David Nathanson	UCLA	Cancer*	Tackling Glioblastoma Using Radioligand Therapy: The UCLA Neurotheranostics Program
2022	Alison Chu	UCLA	Cardiovascular	Fatty acids modulate microbiome-driven angiogenic signaling in oxygen-induced retinopathy
2022	Rene Packard	UCLA	Cardiovascular	Precision Medicine by Immuno-PET Imaging of Serinc-3 to Diagnose Anthracycline-Induced Cardiotoxicity
2022	Shamsher Samra	UCLA	Health Equity	Re-envisioning Care Spaces and Safety through Community Partnerships
2022	Catherine Juillard	UCLA	Health Equity	Implicit Bias in the Trauma Resuscitation Bay: Disparities in Care for Marginalized Groups.
2022	Priyanka Fernandes	UCLA	Health Equity	Reducing Disparities in Maternal and Child Health Outcomes: Using Qualitative and Quantitative Data to Assess the Current Landscape of Health-Related Experiences for Black Mothers in Los Angeles and Inform a Community-Activated Lactation Clinic
2022	Breena Taira	UCLA	Health Equity	Evaluation of Trauma Recovery Center Implementation for Underserved Victims of Crime
2022	Oluwatayo Ikotun	UCLA	Immunology/I3T	Understanding complement mediated immune response to Adeno-associated viral gene therapies
2022	Claudio Villanueva	UCLA	Metabolism	Targeting adipose tissue stem cells to treat type 2 diabetes
2022	Steven Mittleman	UCLA	Metabolism	Harnessing Metabolism to Improve CAR-T Therapy against Acute Lymphoblastic Leukemia
2022	Hong Zhou	UCLA	Neuroscience	Structural proteomics of neurons in health and diseases
2022	Chongyaun Luo	UCLA	Precision Health	DGSOM Genomic Perturbation Platform (GPP): A collaborative platform for robust investigation of gene knockouts and genetic variants in diverse ancestry
2022	William Zeiger	UCLA	Regenerative Medicine	A regenerative drug discovery pipeline for repair after stroke
2022	Tyler Clites	UCLA	Misc	Compliance over articulation: in pursuit of long-lasting revision knee replacement
2019	Noah Federman	UCLA	Cancer	Understanding Sarcoma: From Cell of Origin to Drug Resistance
2019	Bal Khakh	UCLA	Neuroscience	Glial Biology in Health and Disease: UCLA Glial Biology Centre
2019	Kathrin Plath	UCLA	Regenerative Medicine	Diet and development: metabolic regulation of stem cell function and cell fate decisions
2019	Karen Reue	UCLA	Metabolism	The role of white adipose tissue (WAT) peridroplet mitochondria (PDM) in the Metabolic Syndrome
2019	Siamak Rahman	UCLA	Precision Health	Machine learning of electronic health record, socioeconomic determinants, and genomic data to predict persistent postoperative opioid use in opioid naïve patients
2019	Arjun Deb	UCLA	Cardiovascular	Using human pluripotent stem cell modeling, quantitative phase microscopy and optical approaches to identify therapeutic strategies for heart failure
2019	Stephanie Correa	UCLA	Metabolism	Cell Type-Specific Regulation of Gene Expression and Metabolic Disease in Mouse Hypothalamus
2019	Philippe Bourgois & Joel Braslow	UCLA	No Theme	UCLA-LA County Policy Lab: Serious Mental Illness, Homelessness, Incarceration as Proof of Concept
2019	Catherine Sarkisian	UCLA	Precision Health	Using Machine Learning & Behavioral Economics to Create Operational Tools to Reduce Low-value Care
2019	Andre Nel	UCLA	I3T/Immunology	Tolerogenic Nanoparticles for the Treatment of Allergy and Autoimmune Disorders
2019	Elaine Hsiao	UCLA	I3T/Immunology	Defining HIV-Microbiome Interactions
2018	Robert Prins	UCLA	Cancer	Development of a CNS Metastasis Program at UCLA
2018	Arjun Deb	UCLA	Cardiovascular	Using stem cell modeling and optical approaches to identify therapeutic strategies for heart
2018	Nicholas Bernthal	UCLA	I3T	Combating infection in the bone microenvironment: A multi-faceted approach to subvert antimicrobial resistance
2018	Aldons Lusis	UCLA	Metabolism	Multi-omics approaches to understand Non-alcoholic fatty liver disease
2018	Ye Zhang	UCLA	Neuroscience	Unraveling astrocyte contributions to epilepsy in humans
2018	Eran Halperin	UCLA	Precision Health (not Theme)	Machine Learning Models for the Prediction of Adverse Outcomes after Surgery using EMR and Genetic Data
2018	Kathrin Plath	UCLA	Regenerative Medicine	Diet and development: impact of diet-regulated nutrients on stem cell metabolism, cell fate, and the chromatin and transcriptional state
2017	Philippe Bourgois & Joel Braslow	UCLA	Additional Topics Category	Integrating Policy and Research on Homelessness, Incarceration and Severe Mental Illness
2017	Samuel Weigt	UCLA	I3T	Using X-ray-based Functional Lung Imaging Technology to Detect Lung Allograft Dysfunction
2017	Dimitrios Iliopoulos	UCLA	I3T	Development and effectiveness of HDAC9-specific pharmacological inhibitors to suppress the inflammatory response in Inflammatory Bowel Diseases
2017	Airie Kim	UCLA	I3T	The Role of Zip8 in Host Defense Against Pulmonary Infection
2017	Caroline Kuo	UCLA	I3T	Gene Correction of X-Linked Agammaglobulinemia Using Targeted Endonucleases

2017	Elizabeta Nemeth	UCLA	I3T	The mechanism of adverse interaction between iron and inflammation in pregnancy
2017	Dinesh Rao	UCLA	I3T	The role of the RNA binding protein, IGF2BP3, in B-cell activation
2017	Roshan Bastani	UCLA	Cancer	Liver Cancer Prevention and Control - Understanding and Addressing Disparities
2017	Harvey Herschman	UCLA	Cancer	A new therapeutic approach for multiple myeloma, based on a unique biochemical feature
2017	Huan Meng	UCLA	Cardiovascular	Development of CRISPR/Cas9 Nanotherapeutics to Treat Cardiac Dysfunction in Duchenne Muscular Dystrophy
2017	Susanne Nicholas	UCLA	Cardiovascular	Investigation of the effect of chronic kidney disease on the development of atherosclerosis and vascular calcification
2017	Amander Clark	UCLA	Regenerative	Regenerating germline cells from pluripotent stem cells
2017	Brigitte Gomperts	UCLA	Regenerative	Using a 4--D stretchable scaffold to identify new therapies for lung fibrosis
2017	Leanne Jones	UCLA	Regenerative	Assessing intestinal stem cell aging utilizing the epigenetic clock
2017	Hanna Mikkola	UCLA	Regenerative	Transcription elongation as a regulator of human HSC stemness
2017	Paul Weiss	UCLA	Regenerative	High-Throughput Vector-Free Delivery of Gene-Editing Payloads via Rapid Mechanical Deformation Enabled by Omniphobic Microfluidic Systems
2017	David Nathanson	UCLA	Metabolism	Integrated metabolic and molecular profiling of malignant gliomas
2017	Alcino Silva	UCLA	Neuroscience	Molecular, cellular, and circuit mechanisms of the role of memory linking in causal reasoning
2017	Josh Trachtenberg	UCLA	Neuroscience	Dissecting the Neuronal Microcircuits of Decision-Making Using 2 Photon Ca ⁺⁺ Imaging
2017	Neil Harris	UCLA	Neuroscience	The role of astrocyte network function in concussive brain injury
2017	Melissa Spencer	UCLA	Neuroscience	Investigation of a non-canonical wnt activator that increase muscle growth