

**COLUMBIA UNIVERSITY's DEPARTMENT OF MEDICINE
EXTRAMURAL FUNDING FROM THE NIH (AND OTHER DHHS AGENCIES)**

Contact PI / Project Leader	Project Title	Project Number	Subproject Number
ABRAMS, JULIAN	Project 3: Application of the Microbiome and Microenvironment to Novel Non Endoscopic Screening and Surveillance in Barrett's Esophagus	5U54CA163004-07	Project
	Project 3: Application of the Microbiome and Microenvironment to Novel Non Endoscopic Screening and Surveillance in Barrett's	3U54CA163004-07S1	Project
ACCILI, DOMENICO	Role of Forkhead Proteins in Insulin Action	5R01DK057539-18	
	MOUSE MODELS OF INSULIN RESISTANCE	5R37DK058282-19	
	Columbia Diabetes Research Center	2P30DK063608-16	
	Administrative Core	2P30DK063608-16	Core
	Mechanisms of Beta Cell Failure	5R01DK064819-16	Project
	PPAR-gamma Deacetylation in Cardiometabolic Disease	2P01HL087123-11A1	Project
ADELMAN, JASON	Effectiveness of Pictographs to Prevent Wrong-Patient Errors in the NICU	1R01HD094793-01	
	Develop and Validate Health IT Safety Measures to Capture Violations of the 5 Rights of Medication Safety	5R01HS024538-03	
	Providing Evidence and Developing a Toolkit to Accelerate the Adoption of Patient Photographs in Electronic Health Records	5R01HS024713-02	
ADELMAN, JASON BARR, R GRAHAM	Columbia University Patient Safety and Health Services Research Training	1T32HS026121-01	
AL-AWQATI, QAIS	Training Medical Students in NIDDK Research	5T35DK093430-07	
AMENGUAL, JENNIFER	Development of first-in-class histone acetyltransferase (HAT) activators for precision targeting of epigenetic derangements in lymphoma	1R01CA222931-01A1	
BALDWIN, MATTHEW	Frailty, Palliative Care Needs, and Outcomes in Older Survivors of Critical Illne	5K23AG045560-05	

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BARASCH, JONATHAN	The role of the collecting duct in defense of the lower urinary system in congenital and acquired uropathies	5U54DK104309-05	Project
BARR, R GRAHAM	Pulmonary microvascular perfusion in the Multi-Ethnic Study of Atherosclerosis	5R01HL077612-12	
	Pulmonary Microvascular Blood Flow and Cor Pulmonale Parvus in Emphysema/COPD	5R01HL093081-08	
BARR, R GRAHAM LAINE, ANDREW	Novel Quantitative Emphysema Subtypes in MESA and SPIROMICS	5R01HL121270-04	
BARR, R GRAHAM, LEDERER, DAVID SCHLUGER, NEIL	Training Program in Population Science of Respiratory Diseases	1T32HL144442-01	
BATHON, JOAN	Inflammation and Cardiovascular Disease in Rheumatoid Arthritis	5R01AR050026-13	
	Inflammation and Cardiovascular Disease in Rheumatoid Arthritis	3R01AR050026-13S1	
BATHON, JOAN SOLOMON, DANIEL	Treatments Against RA and Effect on FDG PET CT: The TARGET TRIAL	5U01AR068043-03	
BAUER, ROBERT	Regulation of lipoprotein metabolism by adipose-specific Tribbles-1	1R01HL141745-01	
BEITLER, JEREMY	Breath stacking dyssynchrony in acute respiratory distress syndrome	7K23HL133489-03	
BELLO, NATALIE	Blood Pressure Measurement and Hypertension in Pregnancy	1K23HL136853-01A1	
BELLOWS, BRANDON	Comparing the value of intensive systolic blood pressure treatment implementation strategies	1K01HL140170-01	
BHATTACHARYA, JAHAR	Lung barrier protection by tatylated proteins	5R01HL036024-31	
	NOVEL MECHANISMS OF ALVEOLAR INFLAMMATION.	5R01HL057556-20	
	Columbia University Training Program in Lung Science	5T32HL105323-08	
	Mitochondrial dynamics in acute lung injury	5R01HL122730-04	
BHATTACHARYA, JAHAR FARBER, DONNA	Immunobiology and alveolar physiology of the aging lung	1U01HL145547-01	

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BILEZIKIAN, JOHN	12th Fellows Forum on Osteoporosis and Metabolic Bone Diseases	1R13AR074280-01	
	Training Grant in Endocrinology and Metabolism	3T32DK007271-39S1	
	Training Grant in Endocrinology and Metabolism	5T32DK007271-39	
	Primary Hyperparathyroidism	5R01DK032333-33	
BIRK, JEFFREY	Investigating fear of recurrence as a modifiable mechanism of behavior change to	1R21HL145970-01	
BLANER, WILLIAM	Postprandial Vitamin A	5R01DK068437-13	
BLANER, WILLIAM HARRISON, EARL	Vitamin A Homeostasis: Retinyl Ester Stores	5R01DK101251-03	
CAI, BISHUANG	MerTK in NASH-related liver fibrosis	1K99DK115778-01A1	
CALIFANO, ANDREA	Elucidating the dependencies of tumor initiating and drug-resistant niches in human malignancies by genome-wide molecular profiling of single cells	5R35CA197745-04	
	An Administrative Core for the CaST Center	5U54CA209997-03	Core
	Systematic pharmacological targeting of the core mechanisms responsible for maintaining cancer cell state	5U54CA209997-03	Project
	Systematic Identification and Pharmacological Targeting of Tumor Dependencies for Precision Cancer Medicine	5U01CA217858-02	
CALIFANO, ANDREA HONIG, BARRY	Centers for Cancer Systems Therapeutics (CaST)	5U54CA209997-03	
CARDOSO, WELLINGTON	Mechanisms Controlling Expansion and Lineage Specification of Airway Progenitors in	5R35HL135834-02	
COHEN, ADI	Pregnancy and lactation associated osteoporosis: Bone microstructure and	5R01FD006007-02	
COLOMBO, PAOLO SCHULZE, P. CHRISTIAN	Cardiac Lipotoxicity and Ceramide Metabolism in Heart Failure	5R01HL114813-05	
CREUSOT, REMI	In vivo development and reactivity of human autoreactive T cells	1R01AI142428-01	

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CREW, KATHERINE KUKAFKA, RITA	Increasing breast cancer chemoprevention in the primary care setting	5R01CA177995-05	
	Increasing breast cancer chemoprevention in the primary care setting	3R01CA177995-05S1	
	Multicenter trial of decision support for breast cancer chemoprevention	1R01CA226060-01A1	
CREW, KATHERINE SCHWARTZ, GARY	CAPRI: Columbia Cancer Training Program for Resident-Investigators	1R38CA231577-01	
DAVIDSON, KARINA	Re-engineering Precision Therapeutics Through N-of-1 Trials	5R01LM012836-02	
	Re-engineering Precision Therapeutics Through N-of-1 Trials	3R01LM012836-02S1	
DI TULLIO, MARCO	Prevalence and predictors of asymptomatic atrial fibrillation in the community	5R01NS083784-05	
DIAZ, KEITH	Impact of Prolonged Sedentary Behavior on Cardiac Outcomes and Mortality in Acute	5R01HL134985-02	
DRAKE, CHARLES	Helios, a CyTOF System	1S10OD025218-01	
EDMONDSON, DONALD DAVIDSON, KARINA	Columbia University Science of Behavior Change Resource and Coordinating Center	5U24AG052175-04	
	Columbia University Science of Behavior Change Resource and Coordinating Center	3U24AG052175-04S1	
	Impact of Social-Interpersonal Factors in the ER on PTSD/Cardiac Outcomes	5R01HL117832-05	
EDMONDSON, DONALD	Test of a new theory to explain excess risk in cardiac PTSD	5R01HL128310-04	
	Testing biopsychosocial mechanisms of the posthospital syndrome model of early rehospitalization in acute coronary syndrome	5R01HL128497-03	
EDMONDSON, DONALD KRONISH, IAN	Impact of PTSD on cardiovascular risk in survivors of stroke and transient ischemic attack	5R01HL132347-03	
FAN, JASON (mentor Dr. Domenico Accili)	Characterizing the Dedifferentiating Beta Cell in Diabetes	5F30DK112518-03	
FERRANTE, ANTHONY	Enrichment Program	5P30DK026687-38	Core
	Mouse Metabolic Function & Phenotyping Core	2P30DK063608-16	Core

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	ADIPOSE TISSUE MACROPHAGE PHENOTYPE AND FUNCTION	5R01DK066525-15	
	Immune regulation of adipose tissue mass	5R01DK101942-04	
FIDOCK, DAVID	Defining the Role of PfCRT and PfMDR1 as Pleiotropic Mediators of Plasmodium falciparum Multidrug Resistance	2R37AI050234-16	
	Defining P. falciparum resistance to artemisinin-based combination therapies	5R01AI109023-05	
	Elucidating the molecular basis of piperazine resistance and the role of altered hemoglobin metabolism in Plasmodium falciparum	5R01AI124678-03	
FINE, BARRY	The STK25 Signaling Pathway in Human Cardiac Cells	5K08HL140201-02	
FREDA, PAMELA	New Approaches to the Evaluation and Treatment of Acromegaly	5R01DK110771-02	
FREEDBERG, DANIEL	Loss of Gastrointestinal Colonization Resistance and Antibiotic-Resistant Infections in the Intensive Care Unit	5K23DK111847-02	
GALLAGHER, DYMUNA	Human phenotype (Core A)	5P30DK026687-38	Core
GHARAVI, ALI	Genetics of Human Renal Hypodysplasia	5R01DK080099-08	
	GWAS and CNV analysis in Vesicoureteral Reflux and its complications	5U54DK104309-05	Project
	Advancing Clinical Research in Primary Glomerular Diseases (UM1)	5UM1DK100876-06	
	Advancing Clinical Research in Primary Glomerular Diseases (UM1)	3UM1DK100876-06S1	
GHARAVI, ALI NOVAK, JAN	Elucidating IgA nephropathy through Genetic Studies of IgA1 Glycosylation	5R01DK082753-09	
GHARAVI, ALI WENG, CHUNHUA HRIPCSAK, GEORGE	Columbia GENIE (GENomic Integration with Ehr)	5U01HG008680-04	
GHARAVI, ALI BARASCH, JONATHAN MENDELSON, CATHY	The Genetic Origins and Complications of Urinary Tract Abnormalities	5U54DK104309-05	

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	The Genetic Origins and Complications of Urinary Tract Abnormalities	3U54DK104309-05S1	
	The Genetic Origins and Complications of Urinary Tract Abnormalities	5U54DK104309-05	Core
	Administrative Core and Center Director	5U54DK104309-05	Core
GHARAVI, ALI BARASCH, JONATHAN	Precision Medicine Research in Nephrology	5T32DK108741-03	
GHARAVI, ALI GOLDSTEIN, DAVID HRIPCSAK, GEORGE	New York City Consortium for Precision Medicine	1OT2OD026556-01	
GHARAVI, ALI BOMBACK, ANDREW	Ancestry, Genetic Risk and Health Disparities in Immune-Mediated Nephritis	5R01MD009223-05	
	Ancestry, Genetic Risk and Health Disparities in Immune-Mediated Nephritis	3R01MD009223-05S1	
GILES, JON	Adipose Inflammation in Rheumatoid Arthritis	5R01AR068425-03	
GINSBERG, HENRY	Postdoctoral Training in Arteriosclerosis Research	2T32HL007343-41	
	Phenotyping Genetic Disorders of Hepatic Lipid and Lipoprotein Metabolism in Cells, Mice, and Men	5R35HL135833-02	
	NRSA Training Core	5TL1TR001875-03	
GOMEZ-SIMMONDS, ANGELA	Elucidating transmission of plasmids harboring blaKPC among carbapenem-resistant Enterobacteriaceae using long-range	1K23AI137316-01A1	
GONDA, TAMAS	Targeting the Microenvironment in Gastric Chemoprevention	5K08DK100544-05	
GROOPMAN, EMILY (mentor: Dr. Ali Gharavi)	Utility of Genomic Diagnostics for Chronic Kidney Disease	5F30DK116473-02	
HAMMER, SCOTT LOWY, FRANKLIN	Columbia Integrated Training Program in Infectious Diseases Research	2T32AI100852-06A1	
HAN, ARNOLD	The Intraepithelial T cell Response in Celiac Disease	5K08DK100739-05	
HARRIS, PAUL	Advanced Tissue Pathology and Imaging Core	2P30DK063608-16	Core

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	Imaging beta cell function for metabolic surgery	5R01DK104740-04	
HERSHMAN, DAWN BLANKE, CHARLES MEYSKENS, FRANK TANGEN, CATHERINE	SWOG NCORP Research Base	5UG1CA189974-05	
HONIG, BARRY	Elucidating the mechanisms that are responsible for the stability of cancer cell state	5U54CA209997-03	Project
	Computer Studies of Protein Structure and Function	5R01GM030518-38	
HSIEH, JOANNE	Hepatoprotective Mechanisms of TTC39B Deficiency	1K01DK114380-01A1	
HUR, CHIN	Improving Esophageal Adenocarcinoma Prevention, Screening and Treatment	7R01CA140574-10	
HUR, CHIN INADOMI, JOHN LUEBECK, GEORG	Controlling Esophageal Cancer: A Collaborative Modeling Approach	7U01CA199336-04	
HUR, CHIN KONG, CHUNG	Optimizing the Treatment of Pancreatic Adenocarcinoma	7R01CA212086-02	
JELIC, SANJA	Vascular Endothelial Activation in Sleep Apnea	5R01HL106041-07	
JOHNSON, LYNNE	Novel Therapy for Diabetic PAD Monitored With Dual Isotope Multimodality Imaging	5R01HL130056-03	
JOHNSON, LYNNE D'ARMIENTO, JEANINE	In vivo imaging of destructive processes in COPD	5R01HL131960-03	
KALINSKY, KEVIN	Identifying leptomenigeal metastasis from breast cancer utilizing a novel immunocytochemical microfluidic device	5R03CA208547-02	
KIRYLUK, KRZYSZTOF	Genetics of IgA nephropathy by integrative network-based association studies	5R01DK105124-04	
KIRYLUK, KRZYSZTOF BARASCH, JONATHAN BOMBACK, ANDREW	Kidney Precision Medicine Program (KPMP): Columbia AKI Recruitment Site	5UG3DK114926-02	
KIRYLUK, KRZYSZTOF KRETZLER, MATTHIAS	Genomics of glomerular disease	1RC2DK116690-01	
KISSILEFF, HARRY	Mechanisms Underlying Predictors of Success from Obesity Surgery	5R01DK108643-04	

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KODALI, SUSHEEL LAZAR, RONALD	Cerebral Hemodynamics and Neurocognition in Severe Aortic Valve Disease	7R21NS096972-03	
KORNER, JUDITH	Pilot and Feasibility Program	5P30DK026687-38	Core
	Metabolic and Endocrine Effects of Bariatric Surgery	5R01DK072011-12	
KRONISH, IAN	Depression Screening RCT in ACS patients: Quality of Life and Cost Outcomes	5R01HL114924-05	
	Increasing the Uptake of the USPSTF Hypertension Screening Guidelines in Primary Care.	5R01HS024262-04	
KRONISH, IAN DAVIDSON, KARINA	PTSD, Medication Adherence, and Prognosis after Acute Coronary Syndromes	5R01HL123368-04	
KUO, TAIYI DIANA	Epigenetic Regulation by FoxO1 in Pancreatic Beta Cells	1K01DK114372-01A1	
LAFERRERE, BLANDINE	Long term change of GLP-1 insulinotropic effect after GBP surgery	5R01DK098056-04	
	Metabolomic Biomarkers Predictors of Long-term Success Following Bariatric surgery	5R01DK108580-04	
LEDERER, DAVID	Mentored Patient Oriented Research in Pulmonary Fibrosis and Lung Transplantation	5K24HL131937-03	
LEDERER, DAVID CARDOSO, WELLINGTON	Subclinical Interstitial Lung Disease in MESA and FAR-ILD	5R01HL103676-06	
LEDERER, DAVID GOTTLIEB, DANIEL	Obstructive Sleep Apnea and Subclinical Lung Injury in Health and Disease	1R01HL137234-01A1	
LEIBEL, RUDOLPH	New York Obesity Research Center	5P30DK026687-38	
	Administrative Core	5P30DK026687-38	Core
	P and F program	2P30DK063608-16	core
LENTZSCH, SUZANNE	The Role of MMP13 in Multiple Myeloma Bone Disease	5R01CA175313-05	
LEWIS, MATTHEW	The Association of Damaging Genetic Variation With Ventricular Function in Hypoplastic Left Heart Syndrome	1K23HL143136-01	
LU, JINING CARDOSO, WELLINGTON	The Trinucleotide Repeat Containing 6a-Mediated miRNA Activities in the Ciliogenesis	5R01HL131422-03	
LUCHSINGER, JOSE	Midcareer Award for Research in Dementia Risk Factors and Prevention	5K24AG045334-03	

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	Diabetes Status and Brain Amyloid in Middle Aged Hispanics	5R01AG050440-04	
	Research Education Core	1P30AG059303-01	Core
	Are there ethnic differences in brain amyloid and tau in the seventh decade of life?	5R01AG055299-02	
LUCHSINGER, JOSE BRICKMAN, ADAM MORENO, HERMAN	Interdisciplinary Research to Understand the Interplay of Diabetes, Cerebrovascular disease and Alzheimers disease	1RF1AG051556-01	
	Interdisciplinary Research to Understand the Interplay of Diabetes, Cerebrovascular disease and Alzheimers disease	3RF1AG051556-01S1	
	Interdisciplinary Research to Understand the Interplay of Diabetes, Cerebrovascular disease and Alzheimers disease	3RF1AG051556-01S2	
LUCHSINGER, JOSE DEVANAND, DAVANGERE	Testing Olfaction in Primary care to detect Alzheimer's disease and other Dementias (TOPAD)	5R01AG057898-02	
LUCHSINGER, JOSE BAKKEN, SUZANNE MITTELMAN, MARY	New York City Hispanic Dementia Caregiver Research Program (NHiRP)	5R01NR014430-05	
MANJI, GULAM ABBAS SCHWARTZ, GARY	Phase 2 study of combination therapy with PLX3397 and sirolimus to target tumor-associated macrophages in malignant peripheral nerve sheath tumors	1R01FD005745-01	
MARX, STEVEN	Elucidating the Mechanisms of Vascular Dysfunction in Heart Failure	5R01HL126735-03	
MARX, STEVEN MARKS, ANDREW	Exploring the Molecular Physiology of Atrial Fibrillation	5R01HL140934-02	
MARX, STEVEN HARDY, MARK	Postdoctoral Training in Cardiovascular Disease	5T32HL007854-23	
MARX, STEVEN COLECRAFT, HENRY	L-type channel trafficking and modulation in heart	2R01HL121253-05	
MARX, STEVEN PITT, GEOFFREY	Calmodulin regulation of Na+ channels in neurons and cardiomyocytes	5R01HL122967-04	
MAURER, MATHEW	Midcareer Mentoring Award for Patient Oriented Research in Geriatric Cardiology	5K24AG036778-08	

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	Analysis of Lumbar Spine Stenosis Specimens for Early Identification of TTR Cardiac Amyloidosis	1R21AG058348-01	
MILLER, RACHEL TERRY, MARY BETH	Pregnancy and Prenatal PAHs and other Environmental Exposures and Breast Cancer	5U01ES026122-04	
MOHAN, SUMIT	Increasing Minority Population Awareness through Community Teaching for Improved Organ Donation (IMPACT for Improved Organ Donation)	5R01DK114893-02	
MOHAN, SUMIT SAWINSKI, DIEDRE	2/2 APOL1 Long-Term Kidney Transplantation Outcomes Network- Clinical Center	5U01DK116066-02	
	2/2 APOL1 Long-Term Kidney Transplantation Outcomes Network- Clinical Center	3U01DK116066-02S1	
MOISE, NATHALIE	An Information technology approach to implementing depression treatment in cardiac patients: [iHeart Trial]	1R01HL141609-01	
	TRANSFORM DEPCARE: A Theoretical approach to improving patient engagement and shared decision making for minorities in collaborative depression care	5R01HS025198-02	
MORAN, ANDREW	Potential future benefits of cardiovascular risk factor control in today's young adults	5R01HL107475-06	
	Model Based Approach to Improving Hypertension Control in Populations	5R01HL130500-03	
MORAN, ANDREW BRESS, ADAM WEINTRAUB, WILLIAM	Patient Level Prediction of Clinical Outcomes and Cost-Effectiveness in SPRINT (Optimize-SPRINT)	5R01HL139837-02	
MORROW, JOHN	Molecular mechanisms of arrhythmia caused by high-fat diet	5R01HL136758-02	
MUKHERJEE, SIDDHARTHA	Osteochondroreticular -OCR- cells as sources of cartilage repair in Osteoarthritis	5R01AR069852-03	
NEUGUT, ALFRED TERRY, MARY BETH	Training Program in Cancer-related Population Sciences	5T32CA094061-17	
NEUGUT, ALFRED JOFFE, MAUREENJ JACOBSON, JUDITH RUFF, PAUL	HIV'S Effects on Breast Cancer Treatment and Outcomes in South Africa	5R01CA192627-04	
NICKOLAS, THOMAS DENBURG, MICHELLE	The impact of glomerular disorders on bone quality and strength	1R01DK119266-01	

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NICKOLAS, THOMAS MOE, SHARON ALLEN, MATTHEW	Pathogenesis of compromised bone quality and mechanics in chronic kidney disease.	5R01DK110871-03	
O'DONNELL, MAX PADAYATCHI, NESRI	Promoting Engagement in the Drug Resistant TB/HIV Care Continuum in South Africa	5R01AI124413-03	
O'DONNELL, MAX AMICO, KATHY	Impact of a multimodal intervention to reduce dual stigma and improve treatment outcomes in HIV/Drug-resistant TB co-infected patients in KwaZulu-Natal, South Africa	1R21TW011077-01	
OELSNER, ELIZABETH	Albuminuria and incident chronic lung disease exacerbations in five population-based cohorts	5R21HL129924-02	
	Hypercoagulability and Chronic Lung Disease in Older Adults	5K23HL130627-03	
	Ventilation and Pulmonary Endothelium Toxicities (VaPE-Tox) of E-cigarettes: A Randomized Crossover Pilot Study	5R03HL132590-02	
OHLSTEIN, BENJAMIN	Amitosis of Polyploid Cells to Functional Intestinal Stem Cells	5R01DK107702-03	
OLIVE, KENNETH	Targeting cysteine import to induce ferroptotic cell death in pancreatic cancer	5R01CA215607-02	
OZCAN, LALE	Role of Dach1 in Obesity-Induced Hepatic Insulin Resistance	5R01DK106045-03	
PAGE-WILSON, GABRIELLE	A New Therapeutic Option for the Treatment of Prolactinomas	5R21DK112093-03	
PAJVANI, UTPAL	Notch, Type 2 Diabetes and NAFLD	5R01DK103818-04	
PI-SUNYER, F. XAVIER	Obesity Research Center Training Grant	5T32DK007559-28	
	Obesity Research Center Training Grant	3T32DK007559-28S1	
	13/22 Diabetes Prevention Program Outcomes Study (DPPOS) Phase 3 - Research	5U01DK048404-25	
	13/22 Diabetes Prevention Program Outcomes Study (DPPOS) Phase 3 - Research Project	3U01DK048404-25S1	
	09/16 Action for Health in Diabetes Extension Study Research Project	5U01DK057178-20	

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	Translational Biomarker Analytical Core (TBAC)	2P30DK063608-16	Core
PI-SUNYER, F, XAVIER GALLAGHER, DYMUNA	Lifestyle Interventions in Overweight and Obese Pregnant Women	5U01DK094463-06	
PODOLANCZUK, ANNA	Role of High Density Lipoproteins in Interstitial Lung Disease	1K23HL140199-01	
QUE, JIANWEN	Basal Progenitor Cells and Eosinophilic Esophagitis	5R01DK100342-06	
	Barrett's esophagus and progenitor cells at the squamous-columnar junction	5R01DK113144-02	
	Nkx2.1+ Lung-Derived Cells in Asthma and Eosinophilic Esophagitis (EoE)	3R01HL132996-02S1	
	Mechanism of Respiratory System-Esophageal Separation	5R01HL132996-02	
RAO, MAYA	A pilot randomized trial of arteriovenous fistula versus arteriovenous graft in elderly patients with advanced kidney disease	5R03AG053294-02	
REILLY, MUREDACH	Mentored Patient Oriented Research in Cardiometabolic Disease	5K24HL107643-08	
	Human LincRNAs in Macrophage Biology and Related Cardiometabolic Diseases	5R01HL132561-02	
	Clinical and Translational Science Award	5UL1TR001873-03	
REILLY, MUREDACH LI, MINGYAO	Elucidation of Tissue-Specific Transcriptomic Profiles in Cardio-metabolic Disease	2R01HL113147-06A1	
REILLY, MUREDACH LAPPALAINEN, TUULI BARR, R GRAHAM	Integration of Omics to Improve Interpretation of Genetic Risk Variants In Lung Disease	1R01HL142028-01	
REYES-SOFFER, GISSETTE	Unraveling the Complexity of Lipoprotein(a) Metabolism: Human Kinetic Studies	1R01HL139759-01A1	
RIZVI, NAIYER CHAN, TIMOTHY AN-THY	Elucidating genetics of response to immune checkpoint blockade in lung cancer	3R01CA205426-02S1	
	Elucidating genetics of response to immune checkpoint blockade in lung cancer	5R01CA205426-02	
ROYBAL, DANIEL	Signaling Pathways and Regulators of Calcium Channels in Heart	1F31HL142178-01A1	

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RUBIN, MISHAELA	Skeletal Disease in Type 2 Diabetes: a Novel Therapeutic Approach for the Elderly	5R21AG058210-02	
SACHS, DAVID	Large Animal Core	5P01AI045897-18	Core
	Achieving Xenograft Tolerance through Mixed Chimerism	5P01AI045897-18	Project
SAENGER, YVONNE	Ph1 Study of T-Vec given endoscopically for advanced pancreatic cancer IN 17248 (11/21/2016)	1R01FD006108-01	
SAMPOGNA, ROSEMARY	Circadian clock regulation of branching morphogenesis during kidney development	5R01DK106548-03	
SANNA-CERCHI, SIMONE	Genetics of Congenital Obstructive Uropathy	5R01DK103184-05	
	Genomics of mammalian posterior urethral valves	5R01DK115574-02	
	Novel genomic and transcriptomic tools to study human congenital anomalies of the	1P20DK116191-01A1	Core
SANNA-CERCHI, SIMONE ALAM, SHUMYLE SIMS, PETER	Novel genomic and transcriptomic tools to study human congenital anomalies of the kidney and urinary tract	1P20DK116191-01A1	
SCHLUGER, NEIL	Tuberculosis Consortium	CDC200-2009-32593	
SCHWABE, ROBERT	Hepatic Stellate Cells and Liver Cancer	5R01CA190844-04	
	HMGB1 as Link Between Hepatocellular Injury and HCC	5R01CA200597-03	
SCHWABE, ROBERT CHEN, XIN	Role of Cancer-Associated Fibroblasts in Cholangiocarcinoma	1R01CA228483-01A1	
SCHWARTZ, GARY	Cancer Center Support Grant	5P30CA013696-44	
	Cancer Center Support Grant	3P30CA013696-44S1	
	Cancer Center Support Grant	3P30CA013696-44S2	
	Cancer Center Support Grant - PDXNet Supplement	3P30CA013696-44S3	
	Cancer Center Support Grant	3P30CA013696-44S4	

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	Cancer Center Support Grant	3P30CA013696-44S5	
	Cancer Center Support Grant	3P30CA013696-44S6	
	Cancer Center Support Grant	3P30CA013696-44S7	
	Cancer Center Support Grant	3P30CA013696-44S8	
	Cancer Center Support Grant	3P30CA013696-44S9	
SCHWARTZ, GARY LASSMAN, ANDREW NEUGUT, ALFRED	Columbia University Minority/Underserved Site NCI Community Oncology Research Program	5UG1CA189960-05	
SCHWARTZ, GARY HERSHMAN, DAWN	Molecular Oncology Training Program	5T32CA203703-03	
SHANE, ELIZABETH COHEN, ADI	Teriparatide for Idiopathic Osteoporosis in Premenopausal Women: A Phase 2 Study	5R01FD003902-06	
SHANE, ELIZABETH	Phase 2b Study of Denosumab to Prevent Bone Loss in Idiopathic Osteoporosis in Premenopausal Women Treated with Teriparatide	5R01FD005114-03	
SHEA, STEVEN	HLD-mediated cholesterol efflux and plaque inflammation in MESA	5R01HL127637-03	
	Retail Outlet Health Kiosk Hypertension Trial	1R34HL137659-01A1	
	Primary Care Research Fellowship Program	T32HP10260	
	Primary Care Training and Enhancement (PCTE) Program	T0BHP29302	
SHECHTER, ARI	Poor Sleep, Sedentary Behavior, and Secondary Cardiovascular Risk in Stroke and TIA Patients.	1R01HL141494-01	
SHEN, MICHAEL ABATE-SHEN, CORY	Analysis of drug response in organoids and mouse models	5R01CA196662-03	
SHEN, MICHAEL	Project 3: Modeling tumor evolution and drug response in bladder cancer organoids	1P01CA221757-01A1	Project
	Core B: Bladder Cancer Models Core	1P01CA221757-01A1	Core

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	Systems analysis of mouse gastrulation	5R01HD085904-03	
SHIMBO, DAICHI	Translational Research of Negative Emotions and Acute Endothelial Dysfunction	5R01HL116470-05	
	Midcareer Investigator Award in Patient-Oriented Research in Human Hypertension	5K24HL125704-04	
	Psychological stress, and circadian patterns of sodium excretion and blood pressure	1R01HL137818-01A1	
SHIMBO, DAICHI GENKINGER, JEANINE	Institutional Career Development Core	5KL2TR001874-03	
SHIMBO, DAICHI MUNTNER, PAUL OGEDEGBE, OLUGBENGA	Incorporation of a Hypertension Working Group into the Jackson Heart Study	5R01HL117323-05	
SHIMBO, DAICHI REYNOLDS, KRISTI	Ambulatory blood pressure and falls in older treated patients with hypertension	1R01HL136445-01A1	
SHIMBO, DAICHI MUNTNER, PAUL	Evaluating novel approaches for estimating awake and sleep blood pressure	1R01HL139716-01A1	
SMITH, BENJAMIN	Chronic obstructive pulmonary disease in non-smokers	5R01HL130506-03	
SNOECK, HANS-WILLEM	Mitochondrial Maintenance Mechanisms of Stem Cells and Aging	5R01AG055910-02	
	Mitochondrial regulation of hematopoietic stem cells	5R01HL135039-02	
SNOECK, HANS-WILLEM VUNJAK-NOVAKOVIC, GORDANA	Modeling, pathogenesis and treatment of idiopathic pulmonary fibrosis	5U01HL134760-03	
SOBIESZCZYK, MAGDALENA EL-SADR, WAFAA	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	5UM1AI069470-13	
SON, JINSOOK (mentor: Dr. Domenico Accili)	Analysis of beta cell dedifferentiation using scRNA-seq of human T2D	1F32DK117574-01	
ST-ONGE, MARIE-PIERRE	Effect of long-term sleep restriction on energy balance	5R01HL128226-03	
	Effect of long-term sleep restriction on energy balance	3R01HL128226-03S1	
	Impact of circadian misalignment on energy balance regulation	1R01HL142648-01	
STOJANOVIC, MILAN GHARAVI, ALI	Aptamer-Based Arrays for Detection of Pathogenic IgA1 O-Glycoforms in IgA	5R21DK109690-02	

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STOJANOVIC, MILAN MAPARA, MARKUS	Graft Engineering of Allogeneic Hematopoietic Stem Cell Products with Molecular Cascades	1R01EB025221-01	
SUMNER, JENNIFER	Posttraumatic Stress and Cardiovascular Risk in Women: Tests of Biological Mechanisms	5K01HL130650-04	
	Identifying Early Intervention Targets for Reducing Cardiovascular Risk in Posttraumatic	1R01HL139614-01A1	
SYKES, MEGAN SACHS, DAVID	A Tolerance Approach to Xenotransplantation	5P01AI045897-18	
SYKES, MEGAN	Administrative and Data Management Core	5P01AI045897-18	Core
	Tolerance of Adaptive and Innate Human Anti-pig Immune Responses in Humanized Mice	5P01AI045897-18	Project
	Lymphocyte reconstitution and responses in intestinal transplantation	2P01AI106697-06	Project
	Administrative Core	5U19AI131474-02	Core
	Regulatory T cells to promote mixed chimerism for tolerance to islets and kidneys from deceased and living donors	5U19AI131474-02	
	Cytometry & Cell Sorting Core	2P30DK063608-16	Core
	Immune Response to iPSC-Derived Beta Cells in Type 1 Diabetes	5R01DK103585-04	
	Mice with autologous human T1D-derived immune systems and iPSC-derived beta cells	1UC4DK104207-01	
	TCR and BCR deep sequencing to distinguish autoimmune recurrence from allograft rejection	1R21TR002279-01	
SYKES, MEGAN YAMADA, KAZUHIKO	Intestinal allograft tolerance in large animals	1R01AI138547-01	
TABAS, IRA	MerTK Cleavage and Signaling in Atherosclerosis	5R01HL132412-03	
	Mechanisms and Consequences of Stress-Induced Macrophage Death in Atherosclerosis	5R01HL075662-14	
	Mechanisms of Atherogenesis in Insulin Resistance	2P01HL087123-11A1	
	Administrative Core	2P01HL087123-11A1	Core

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	CaMKII/MK2 Signaling in Cardiometabolic Disease	2P01HL087123-11A1	Project
TABAS, IRA SCHWABE, ROBERT	TAZ and YAP in Non-Alcoholic Steatohepatitis and its Complications	1R01DK116620-01	
TABAS, IRA SHI, JINJUN	Enhancing Inflammation Resolution in Atherosclerosis via Targeted Nanoparticle-	5R01HL127464-03	
TALL, ALAN	TTC39B in obesity and atherosclerosis	2P01HL087123-11A1	Project
	ABCA1/G1 and LXRs in Atherogenesis	5R01HL107653-08	
	Mechanisms linking LNK genetic variation to atherothrombosis	5R01HL137663-02	
	TTC39B in Metabolism	2R01HL119830-05	
THOMAS, DAVID (mentor: Dr. Alan Tall)	Transcriptional Regulation of Macrophage Function by LXR in Atherosclerosis	1F30HL137327-01A1	
TSAI, EMILY	Novel Cardioprotective sGC/cGMP Microdomains: Therapeutic Targets in Medically Treated HF	5R01HL138528-02	
UHELMANN, ANNE-CATRIN	Carbapenem-resistant bacterial colonization and infection after liver transplant	5R01AI116939-04	
VERNA, ELIZABETH	Bacterial Translocation and the Intestinal Microbiome in Recurrent Disease Following Liver Transplantation	5K23DK101827-04	
VUNJAK-NOVAKOVIC, GORDANA	Craniofacial Tissue Engineering	5R01DE016525-10	
	Multi-tissue platform for modeling systemic pathologies	5UG3EB025765-02	
	Engineering vascularized cardiac muscle.	5R01HL076485-11	
VUNJAK-NOVAKOVIC, GORDANA SNOECK, HANS-WILLEM	Bioengineering a Chimeric Human Lung	5R01HL120046-05	
WALKER, MARCELLA	Skeletal Microstructure - Racial Differences and Genetic Contributors	1R01AR071986-01A1	
WAN, ELAINE	Role of Vascular Ion Channels in Heart Failure and Cardiovascular Diseases	5K08HL122526-04	
WANG, NAN	Lesion Analysis/Biostatistics Core	2P01HL087123-11A1	Core

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	HDL, platelet progenitors, atherosclerosis and thrombosis	5R01HL118567-05	
WANG, TIMOTHY RUSTGI, ANIL WANG, KENNETH	The Role of the Microenvironment in Barrett's Esophagus	5U54CA163004-07	
	The Role of the Microenvironment in Barrett's Esophagus	3U54CA163004-07S1	
WANG, TIMOTHY	Administrative Core	5U54CA163004-07	Core
	Administrative Core	3U54CA163004-07S1	Core
	Project 1: Role of Microbiota and Myeloid cells in Mouse Models of Barretts Esophagus	5U54CA163004-07	Project
	Project 1: Role of Microbiota and Myeloid cells in Mouse Models of Barretts Esophagus	3U54CA163004-07S1	Project
	The Role of Stem Cells and the Microenvironment in Gastrointestinal Cancers	5R35CA210088-03	
	THE FUNCTION AND REGULATION OF HISTIDINE DECARBOXYLASE IN GUT	5R01DK048077-22	
	Function and regulation of progastrin receptors on intestinal progenitors	5R37DK052778-20	
	Multidisciplinary Training in Translational Gastrointestinal and Liver Research	5T32DK083256-10	
WANG, TIMOTHY GUHA, CHANDAN	Differentiating Radio-sensitivities Among Intestinal Stem Cell Pools	5U01DK103155-05	
	Differentiating Radio-sensitivities Among Intestinal Stem Cell Pools	3U01DK103155-05S1	
WANG, TIMOTHY BASS, ADAM DER, CHANNING	The Role of RHOA in Diffuse Gastric Cancer	1R01CA224428-01	
WARDLAW, SHARON	CSF Neuropeptide, Hormonal and Metabolomic Analysis in Human Energy	5R01DK093920-07	
WINCHESTER, ROBERT	Significance of Intrarenal T Cells in SLE Nephritis	5R01DK106436-03	
WORMAN, HOWARD	Pathogenesis of Emery-Dreifuss Muscular Dystrophy	5R01AR048997-14	

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WORMAN, HOWARD GUNDERSEN, GREGG	Nuclear Movement LINC Complex and Emery-Dreifuss Muscular Dystrophy	5R01AR068636-04	
YAN, KELLEY	Enteroendocrine Cell Subsets with Reserve Stem Cell Function	5R03DK114656-02	
YE, SIQIN	Patient health information preference and statin therapy	5K23HL121144-05	
YIN, MICHAEL WADHWA, SUNIL	Oral immune activation and alveolar bone loss in HIV-infected postmenopausal women	5R01DE026924-02	
	Oral immune activation and alveolar bone loss in HIV-infected postmenopausal women	3R01DE026924-02S1	
YIN, MICHAEL ARPADI, STEPHEN M	Biological aging in older HIV-infected African Americans	5R21AG056175-02	
	Bone health in perinatally HIV-infected South African children on antiretrovirals	4R01HD073977-05	
ZHANG, HANRUI	Macrophage-specific function of GWAS CAD-associated LIPA alleles in atherosclerosis	4R00HL130574-03	
ZORN, EMMANUEL	Contribution of B cells to human cardiac allograft vasculopathy	5R01AI116814-04	
	Innate B cell immunity and antibody-mediated rejection of human kidney allografts	5R01AI123342-03	
	Development and significance of the plasma cell niche in the human infant thymus	5U01AI131339-02	