

Prime PI	Sponsor Name	Start Date	End Date	Title	Total Budget
Akar, Fadi G	National Heart, Lung, and Blood Institute/NIH/DHHS	9/1/2022	8/31/2023	Optimizing AF ablation by a novel optogenetics and computational approach	\$251,250
Desai, Nihar	Cytokinetics, Inc.	6/13/2022	5/23/2023	Characteristics, Patterns of Care, and Resource Utilization Among Patients With HFrEF - A Focus on Patients with EF \leq 30%	\$287,500
Faridi, Kamil	American Heart Association	4/1/2022	3/31/2023	Optimizing Available Data Sources for Post-Marketing Surveillance: Real-World Use of Left Atrial Appendage Occlusion	\$77,000
Kabir, Inamul	American Heart Association	4/1/2022	3/31/2025	Novel functions of smooth muscle in dyslipidemia, obesity, and atherosclerosis	\$231,000
Khera, Rohan	Bristol-Myers Squibb Company	6/3/2022	7/1/2023	Application of Artificial Intelligence to Single-Lead Electrocardiographic Detection of Cardiomyopathy: Creating a digital cohort	\$187,061
Khera, Rohan	Duke (Doris) Charitable Foundation, Inc.	7/1/2022	6/30/2025	Developing Artificial Intelligence Algorithms for Screening of Myocardial Disorders from Single-lead Electrocardiography and Wearable Devices	\$495,000
Lansky, Alexandra J	Abiomed, Inc.	4/1/2022	3/31/2027	Use of the Impella ECP in Patients Undergoing an Elective or Urgent High-Risk Percutaneous Coronary Intervention: An Early Feasibility Study	\$37,725
Lansky, Alexandra J	Amplitude Vascular Systems, Inc.	7/1/2022	6/30/2027	A Prospective, Single-Arm, Multicenter, Feasibility Study to Evaluate Safety and Performance of the Amplitude Vascular System (AVS) Pulse Peripheral Intravascular Lithotripsy (IVL) for Treating Subjects with Calcific Femoropopliteal Arteries in Conjunction with Adjunctive Therapy	\$79,735
Lansky, Alexandra J	Aveera Medical	8/15/2022	8/14/2027	Aveera Medical Objective Performance Criterion for the Aveera Boomerang Catheter	\$14,548
Lansky, Alexandra J	Bolt Medical	5/1/2022	4/30/2027	BOLT Lithotripsy RESTORE FIH First in Human Trial for CAD and PAD	\$20,614

Lansky, Alexandra J	Bolt Medical	8/1/2022	7/31/2027	Bolt Medical Restore ATK BTK CAD	\$51,678
Lansky, Alexandra J	Corindus Inc.	12/15/2020	12/14/2025	A Multicenter Post-Market Study for the Evaluation of the CorPath® GRX technIQ Automated Movements in Percutaneous Coronary Interventions	\$445,913
Lansky, Alexandra J	Emboline, Inc.	4/15/2022	4/14/2027	Safety and Technical Performance Evaluation of the Emboliner Embolic Protection Device: A New Zealand Experience	\$43,499
Lansky, Alexandra J	Infraredx	6/22/2021	6/21/2026	A Study to EXhibit Percutaneous Coronary Artery Dilatation With Non-Slip Element Balloon (EXPANSE-PTCA)	\$123,395
Lansky, Alexandra J	Keystone Heart, LTD (Formally SMT R&D, LTD)	5/1/2022	4/30/2027	A Multicenter Real-World Evidence Observational Study of Patients Undergoing Transcatheter Heart Procedures with TriGUARD 3 Cerebral Embolic Protection Device	\$150,478
Lansky, Alexandra J	ReFlow Medical	8/1/2022	7/31/2027	The CORA catheters Chronic Total Occlusion Study (CORA)	\$50,870
Lansky, Alexandra J	SurModics, Inc.	4/1/2022	3/31/2027	A Prospective, Multi-Center, Single-Arm, Feasibility Study to Assess the Safety and Performance With the SUNDANCE™ DruG Coated Balloon for the Treatment of De Novo or Restenotic Lesions in Infra-Popliteal Arteries	\$14,605
Lansky, Alexandra J	TriReme Medical Inc.	7/1/2022	6/30/2027	A Randomized Trial to Confirm the Safety and Effectiveness of Chocolate Touch Paclitaxel Coated Balloon Catheter in Above the Knee Lesions Substudy	\$68,258
Lansky, Alexandra J	VeoSource	6/1/2021	5/31/2026	VeoSource: AURA – Lasting Embolic Protection in the Fight Against Stroke	\$7,015
Nicoli, Stefania	American Heart Association	7/1/2022	6/30/2023	The hidden life of mRNAs: a non-coding role as sensors of endothelial cells mechanotransduction	\$79,999
Nicoli, Stefania	National Heart, Lung, and Blood Institute/NIH/DHHS	7/1/2022	6/30/2023	miRNA-regulation at focal adhesions establishes vascular mechanohomeostasis	\$250,224

Parise, Helen	Ablative Solutions, Inc.	6/15/2021	6/14/2026	A Pivotal, Multicenter, Blinded, Sham Procedure-Controlled Trial of Renal Denervation by the Peregrine System™ Kit, in Subjects With Hypertension	\$100,913
Qyang, Yibing	National Heart, Lung, and Blood Institute/NIH/DHHS	7/1/2022	6/30/2023	Modulation of heart function by Muscle LIM protein-mediated mechanotransduction	\$418,750
Sadeghi, Mehran M	National Heart, Lung, and Blood Institute/NIH/DHHS	7/1/2022	6/30/2023	Molecular Imaging of Collagen Turnover in Cardiomyopathy	\$767,308
Schwartz, Martin A	Centro de Investigaciones Cardiovasculares Carlos III (CNIC)	12/31/2020	12/30/2023	Atherogenic flow-driven inflammation and arterial wall remodelling: mechanisms and therapeutic potential	\$165,000
Sinusas, Albert J	MOST Cardio LLC	8/15/2022	3/31/2023	Evaluation of Cardiovascular Robotic Navigation and Atherectomy System (PLAQUE XTRACTOR "TM")	\$307,364
Sinusas, Albert J	Office of the Director/NIH/DHHS	7/1/2022	6/30/2023	Translational SPECT/CT Imaging System	\$1,626,680
Smolderen, Kim G	Merck	6/24/2021	6/23/2024	Refractory and Unexplained Chronic Cough: Secondary Data Analysis of the Cerner Health Facts Electronic Medical Records Database	\$481,259
Testani, Jeffrey M	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	6/1/2022	5/31/2023	Mechanisms of diuretic resistance in heart failure	\$757,951
Farrell, James J	Immunovia	1/1/2022	12/31/2022	Correlation between Pancreatic Imaging in High Risk Surveillance Population and Blood Based Biomarkers: A Radiomics Approach	\$101,082
Gaidos, Jill K	Crohn's & Colitis Foundation of America (CCFA)	4/2/2021	12/31/2031	IBD Qorus: Improving the Quality of Care for Adults with Inflammatory Bowel Disease	\$15,000
Gorelick, Fred	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	7/1/2022	6/30/2023	Training Program in Investigative Gastroenterology	\$353,281
Iwakiri, Yasuko	National Institute of Diabetes and Digestive	7/1/2022	6/30/2023	Lymphatics in the liver	\$621,696

	and Kidney Diseases/NIH/DHHS				
McConnell, Matthew	National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS	7/1/2022	6/30/2023	The role of platelets in the pathogenesis of alcohol-associated liver disease	\$192,517
Mistry, Pramod K	Sanofi Research	7/1/2022	6/30/2023	LSD Fellowship	\$85,000
Mistry, Pramod K	Sanofi Research	5/25/2022	5/24/2025	ESC: Constructing the Brain Cell Atlas of Gaucher disease and impact of lowering glucosylceramide lipids in cellular interactome	\$1,105,102
Mistry, Pramod K	Sanofi Research	5/25/2022	5/24/2025	ESC: Discovery of novel biomarkers to identify pre-symptomatic neurodegenerative Gaucher disease	\$1,713,214
Mistry, Pramod K	Sanofi Research	5/25/2022	5/24/2025	ESC: Evaluating functional relevance of Apoe in Microglia and Astrocytes in mediating Gaucher Neuronopathy	\$1,695,388
Vilarinho, Silvia	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	7/1/2022	4/30/2023	Liver Pathobiology: insights through the lens of rare diseases	\$434,898
Bogan, Jonathan S	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	4/1/2022	2/28/2023	Vesicle Translocation and the Metabolic Syndrome	\$516,236
Samuel, Varman T	National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS	5/10/2022	4/30/2023	Exploring mitochondrial flux and lipid compartmentation in vivo to develop new therapies for alcoholic liver disease	\$240,781
Wen, Li	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	5/1/2022	3/31/2023	Identifying immunoregulatory gut bacteria in type 1 diabetes and autoimmunity	\$423,078
Becker, William C	National Institute on Drug Abuse/NIH/DHHS	9/30/2021	7/31/2023	HEAL Initiative: Integrative Management of chronic Pain and OUD for Whole Recovery (IMPOWR): Research Centers	\$4,761,350
Becker, William C	VentureWell	5/1/2022	4/30/2023	ATF Proposal: Opioid overdose detection software for integration in closed-loop naloxone administration device	\$5,000

Edelman, E. Jennifer	VA Puget Sound Health Care System (Seattle Division)	11/1/2021	10/31/2022	Evaluating Practice Facilitation to Optimize Alcohol-Related Care and HCV Treatment Outcomes in HCV Treatment Settings	\$9,973
Justice, Amy C	Vanderbilt University Medical Center	9/10/2021	9/9/2022	Microbiome, Metabolites, and Alcohol in HIV to Reduce CVD (META HIV CVD)	\$24,573
Ramachandran, Reshma	Laura and John Arnold Foundation	3/24/2022	6/30/2024	Yale Collaboration on Research Integrity and Transparency	\$1,023,988
Roy, Brita	National Institute on Minority Health and Health Disparities	7/22/2022	3/31/2023	TRUE HAVEN: TRUsted rEsidents and Housing Assistance to decrease Violence Exposure in New Haven	\$702,603
Schwartz, Jeremy	Makerere University Joint AIDS Program	10/1/2021	9/30/2022	ATF Proposal: Support towards sustaining and scaling up Integrated Hypertension and HIV care in Uganda, using lessons learnt from the LINKS project at MJAP	\$6,303
Gill, Thomas M	National Institute on Minority Health and Health Disparities	5/15/2022	1/31/2023	A Multifactorial Approach to Evaluating Disparities in Outcomes after Major Surgery in Disadvantaged Older Persons	\$664,326
Gill, Thomas M	Radboud University Medical Center	1/1/2022	12/31/2022	ATF Proposal: Dynamic symptoms networks - a novel paradigm to improve diagnosis, prognosis and treatment of multimorbidity	\$5,070
Tinetti, Mary E	National Committee for Quality Assurance	4/1/2021	3/31/2024	ATF Proposal: Supporting Age-Friendly Health Systems: Implementing and Disseminating Person-Driven Outcome Measures	\$350,000
Talbert-Slagle, Kristina M	U.S. Agency for International Development (USAID)	6/11/2021	6/10/2026	Research Utilization for Development Impact in Liberia's Health Sector	\$4,000,000
Altice, Frederick	Community Foundation for Greater New Haven	4/1/2022	3/31/2023	ATF Proposal: Yale Community Health Care Van - New Haven Healthy Start	\$90,000
Altice, Frederick	University of Connecticut	9/29/2021	9/28/2022	Integrated rapid access to HIV prevention program for people who inject drugs (iRaPID)	\$26,973

Aoun-Barakat, Lydia	Health Resources and Services Administration/DHHS	8/1/2022	7/31/2023	PROJECT I-CARE-4-PAH: Intervention for Collaborative Care to Assess Risk and Eliminate polyPharmacy, Falls, and Fragility Fractures, for People Aging with HIV	\$300,000
Datta, Rupak	The Society for Healthcare Epidemiology of America (SHEA)	5/1/2022	4/30/2023	ATF Proposal: Promoting Antibiotic Stewardship in Home Care Settings	\$19,281
Fikrig, Erol	National Institute of Allergy and Infectious Diseases/NIH/DHHS	6/7/2022	5/31/2023	A novel Lyme disease vaccine	\$648,095
Omer, Saad B	Kaiser Foundation Research Institute, a division of Kaiser Foundation Hospitals	3/10/2022	3/9/2023	COVID-19 Vaccine Effectiveness in Pregnant Women and their infants	\$21,973
Springer, Sandra A	National Institute on Drug Abuse/NIH/DHHS	6/15/2022	5/31/2023	Ending HIV: Bringing Integrated Prevention and Treatment Services to People Who Use Drugs Where They Live	\$1,172,500
Wickersham, Jeffrey	National Institute of Allergy and Infectious Diseases/NIH/DHHS	5/10/2022	4/30/2023	Gamification to enhance engagement in HIV prevention and co-morbid conditions in young men who have sex with men	\$206,831
Wickersham, Jeffrey	National Institute of Mental Health/NIH/DHHS	7/1/2022	6/30/2023	Strengthening the HIV care continuum for transgender women living with HIV in Malaysia	\$200,267
Cantley, Lloyd G	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	8/1/2022	7/31/2023	Macrophage Function in Kidney Repair	\$368,500
Chang, William	American Diabetes Association, Inc.	7/1/2022	6/30/2023	Microvessels-on-a-chip to model diabetic microangiopathy and to advance precision medicine in diabetes	\$115,000
Chernova, Irene	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	9/1/2022	8/31/2023	The Effect of Sodium (Na+) on Kidney B cells in Lupus Nephritis	\$167,604
Li, Zhigui	PKD Foundation for Research in Polycystic Kidney Disease	7/1/2022	6/30/2023	Therapeutic targeting of PKD1 upstream open reading frames	\$60,000

Baldassarri, Stephen	American University of Beirut	2/4/2022	10/31/2022	Nicotine flux, a potentially powerful tool for regulating nicotine delivery from electronic cigarettes: significance of nicotine flux to the rate of nicotine delivery and subjective effects	\$202,805
Dela Cruz, Charles S	Bristol-Myers Squibb Company	4/9/2021	4/8/2023	Monitoring Biomarkers of Lung Damage, Fibrosis, Inflammation, and Thrombosis Among a Post-ARDS Patient Population During COVID-19 Convalescence	\$82,581
Gautam, Samir	National Heart, Lung, and Blood Institute/NIH/DHHS	7/1/2022	6/30/2023	Chitinase 3-like-1 regulates neutrophil cell fate in inflammatory lung disease	\$166,104
Jain, Snigdha	Francis Family Foundation (formerly Parker B. Francis Foundation)	7/1/2022	6/30/2023	Socioeconomic Disadvantage and Post-ICU Disability: The Role of Rehabilitation	\$75,000
Sauler, Maor	Department of the Army	7/1/2022	6/30/2023	Unraveling molecular mechanisms underlying Chronic Obstructive Pulmonary Disease heterogeneity using combinatorial barcoding and single-nuclear RNA sequencing	\$925,639
Stanley, Gail	Cystic Fibrosis Foundation (CFF)	7/1/2022	6/30/2023	Quality Improvement in the Adult Cystic Fibrosis Clinic	\$37,632
Takyar, Seyedtaghi	GlaxoSmithKline, LLC	2/1/2021	12/31/2025	An endothelial microRNA mediates the IL-5 effect on airway eosinophilia	\$354,933
Yan, Xiting	National Library of Medicine/NIH/DHHS	7/6/2022	3/31/2023	Graph Learning of Cell-cell Communications in Spatial Transcriptomics	\$342,828
Bucala, Richard	G. Harold and Leila Y. Mathers Charitable Foundation	7/1/2022	6/30/2023	ATF-Precision Modulation of Trained Innate Immunity	\$245,497
Hinchcliff, Monique	Boehringer Ingelheim Pharmaceuticals, Inc.	7/1/2022	6/30/2025	Molecular and cellular characterization of SSC patients with ILD and linkage to clinical outcomes	\$977,307
Hinchcliff, Monique	Rheumatology Research Foundation	4/1/2022	3/31/2023	Clinical nailfold capillaroscopy in patients with systemic sclerosis	\$1,500

Hsiao, Betty	Rheumatology Research Foundation	7/1/2022	6/30/2023	Overcoming Barriers to Treat-to-Target in Rheumatoid Arthritis Using Patient Videos: A Proof of Concept Study	\$200,000
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