

American Heart Association Awardees by Program Type

Last Update: August 2018

Transformational Project Award

Adam, Alejandro PhD

Program Type: Transformational Project Award **Institution:** Albany Medical Center **City/State:** Albany, NY **Project Title:** Endothelial STAT3-dependent transcriptional changes mediating vascular barrier breakdown during shock **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Agnetti, Giulio PhD

Program Type: Transformational Project Award **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Novel Mechanisms and Therapies for Proteopathic Heart Failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Awad, Louis PhD, PT

Program Type: Transformational Project Award **Institution:** Harvard University, Cambridge **City/State:** Cambridge, MA **Project Title:** Robotic Exosuit Augmented Locomotion (REAL) training in the clinic and community **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,973

Bilchick, Kenneth MD, MSc

Program Type: Transformational Project Award **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Personalized Approach to Cardiac Resynchronization Therapy Using High Dimensional Immunophenotyping **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Bratincsak, Andras MD PhD

Program Type: Transformational Project Award **Institution:** Hawaii Pacific Health **City/State:** Honolulu, HI **Project Title:** Doxycycline treatment to prevent coronary artery lesions in Kawasaki disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Breault, David MD PhD

Program Type: Transformational Project Award **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** FGF Signaling in Primary Aldosteronism **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Burridge, Paul PhD

Program Type: Transformational Project Award **Institution:** Northwestern University, Chicago
City/State: Chicago, IL **Project Title:** Validation of Genomic Hits Predicting Doxorubicin-Induced
Cardiotoxicity for Drug Discovery **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:**
3 **Total Award Amount:** \$300,000

Cai, Chuanxi PhD

Program Type: Transformational Project Award **Institution:** Albany Medical College **City/State:** Albany,
NY **Project Title:** The Function of LncRNA COIND in Myocardial Repair **Award Start Date:** 7/1/2018
Award End Date: 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Cerrone, Marina MD

Program Type: Transformational Project Award **Institution:** New York University **City/State:** New York,
NY **Project Title:** EXOGENOUS FACTORS IN THE ARRHYTHMOGENIC CARDIOMYOPATHY PHENOTYPE
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Chappell, Mark PhD

Program Type: Transformational Project Award **Institution:** Wake Forest University Health Sciences
City/State: Winston Salem, NC **Project Title:** Endocannabinoid-Angiotensin Systems in Diabetic
Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award
Amount:** \$300,000

Chen, Miaohsueh PhD

Program Type: Transformational Project Award **Institution:** Baylor College of Medicine, Houston
City/State: Houston, TX **Project Title:** Investigating the cardiac origin of supraclavicular brown fat
progenitors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award
Amount:** \$300,000

Chen, Zhenhui PhD

Program Type: Transformational Project Award **Institution:** Indiana University, Indianapolis **City/State:**
Indianapolis, IN **Project Title:** Specific Accumulation of Phospholamban in Nuclear Membranes of
Cardiomyocytes: Role in Regulating Nuclear Calcium Stores **Award Start Date:** 7/1/2018 **Award End
Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Cheng, Ke PhD, BS

Program Type: Transformational Project Award **Institution:** North Carolina State University **City/State:**
Raleigh, NC **Project Title:** Restoring exosome functions in post-MI hearts by modulating miR-21 **Award
Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,462

Cheng, Zhiyong PhD

Program Type: Transformational Project Award **Institution:** Virginia Polytechnic Institute **City/State:** Blacksburg, VA **Project Title:** Examining FoxO1 as a novel target for browning of white adipose tissue **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,749

Chun, Hyung MD, BA

Program Type: Transformational Project Award **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Translating the Apelinergic Pathway for Cardiometabolic Health **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Chung, Charles PhD, BS

Program Type: Transformational Project Award **Institution:** Wayne State University **City/State:** Detroit, MI **Project Title:** Mechanism and Diagnosis of Diastolic Dysfunction (and HFpEF) via Strain Rate-Dependent Impaired Relaxation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Crowley, Steven MD

Program Type: Transformational Project Award **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** The interleukin-1 receptor modulates blood pressure and renal tubular injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Daniele, Michael BS, PhD

Program Type: Transformational Project Award **Institution:** North Carolina State University **City/State:** Raleigh, NC **Project Title:** Pre-Vascularization of Cardiac Stem Cell Patches Improves Heart Regeneration **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Delmar, Mario MD PhD

Program Type: Transformational Project Award **Institution:** NYU Medical Center **City/State:** New York, NY **Project Title:** Electro-metabolic coupling in the heart: can sodium channels modulate mitochondrial function? **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Dinunno, Frank PhD

Program Type: Transformational Project Award **Institution:** Colorado State University, Fort Collins **City/State:** Fort Collins, CO **Project Title:** Targeting Endoplasmic Reticulum Stress in Aging- and Obesity-Induced Vascular Dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Eissa, Tony MD

Program Type: Transformational Project Award **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Regulation of Inflammasome Activation by p38 MAPK **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Fang, Longhou PhD

Program Type: Transformational Project Award **Institution:** Houston Methodist Research Institute
City/State: Houston, TX **Project Title:** AIBP-REGULATED HEMATOPOIESIS IN DEVELOPMENT AND
CARDIOVASCULAR DISEASE **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3
Total Award Amount: \$300,000

Foster, D Brian PhD

Program Type: Transformational Project Award **Institution:** Johns Hopkins University School of Medicine
City/State: Baltimore, MD **Project Title:** Preserving Cardiac Retinoic Acid Homeostasis as a Therapeutic
Approach to Heart Failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total
Award Amount:** \$300,000

Garry, Daniel MD PhD

Program Type: Transformational Project Award **Institution:** University of Minnesota, Minneapolis
City/State: Minneapolis, MN **Project Title:** Bioengineering non-human primate vasculature in gene
edited animals **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award
Amount:** \$300,000

Gentile, Chris PhD, MS

Program Type: Transformational Project Award **Institution:** Colorado State University, Fort Collins
City/State: Fort Collins, CO **Project Title:** Exploring A Novel Role of the Gut Microbiota In Obesity-
Related Vascular Dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3
Total Award Amount: \$299,996

Gonzalez Bosc, Laura BA, PhD

Program Type: Transformational Project Award **Institution:** University of New Mexico - Health Sciences
Center **City/State:** Albuquerque, NM **Project Title:** Novel collagen V-reactive natural TH17 cells in
hypoxic pulmonary hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:**
3 **Total Award Amount:** \$300,000

Goo, Young-Hwa PhD, MS

Program Type: Transformational Project Award **Institution:** Albany Medical College **City/State:** Albany,
NY **Project Title:** Investigation of Guanylate Binding Proteins as a novel regulator of inflammation in
atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award
Amount:** \$300,000

Harijith, Anantha MD, OTR

Program Type: Transformational Project Award **Institution:** University of Illinois at Chicago **City/State:**
Chicago, IL **Project Title:** Role of Sphingosine 1 Phosphate (S1P) and S1P 1 receptor signaling in
Bronchopulmonary Dysplasia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3
Total Award Amount: \$300,000

He, Guanglong PhD

Program Type: Transformational Project Award **Institution:** University of Wyoming **City/State:** Laramie, WY **Project Title:** Targeting the underlying inflammation in obesity-associated myocardial dysfunction
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Jernigan, Nikki PhD

Program Type: Transformational Project Award **Institution:** University of New Mexico - Health Sciences Center **City/State:** Albuquerque, NM **Project Title:** Metabolic Dysfunction in Pulmonary Hypertension
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Kassab, Alain PhD

Program Type: Transformational Project Award **Institution:** University of Central Florida **City/State:** Orlando, FL **Project Title:** Multiscale Hemodynamics Investigation of a Surgical Manoeuvre to Reduce Stroke Risk in Left Ventricular Assist Devices **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021
Total Years: 3 **Total Award Amount:** \$300,000

Kaufman, Brett PhD

Program Type: Transformational Project Award **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Young at heart: How mitochondrial genome preservation promotes resilience against aging and heart attack-induced heart f **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Khademhosseini, Ali PhD

Program Type: Transformational Project Award **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Oxygen Releasing Microparticles to Improve Heart Preservation for Transplantation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Kho, Chang Won BA, MS

Program Type: Transformational Project Award **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** SUMO1 as New Molecular Target for Aging Heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Kim, Il-Man PhD

Program Type: Transformational Project Award **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** The novel role of microRNA-532-5p/prss23 axis in regulating cardiac vascularization during acute myocardial infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Lee-Summers, Jennifer MD, BA

Program Type: Transformational Project Award **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Proteasome modulation as a novel therapeutic for neonatal encephalopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Leinwand, Leslie BS, PhD

Program Type: Transformational Project Award **Institution:** University of Colorado, Boulder **City/State:** Boulder, CO **Project Title:** Mutant Myosin Misfolding as a Novel Mechanism of Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,999

Liang, Olin PhD

Program Type: Transformational Project Award **Institution:** Rhode Island Hospital **City/State:** Providence, RI **Project Title:** The role of endothelial to hematopoietic transition in the pathogenesis of pulmonary hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Liao, Xudong BS, PhD

Program Type: Transformational Project Award **Institution:** Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** Role of cardiac macrophage subsets in pressure overload hypertrophy and its application in treatment of cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Lu, Christopher MD

Program Type: Transformational Project Award **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Mitochondrial Anti-Viral Signaling Protein (MAVS), Reactive Oxygen Species, & Progressive Chronic Kidney Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Malhotra, Rajeev BA, MS

Program Type: Transformational Project Award **Institution:** Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** A Novel Regulatory Pathway in Vascular Smooth Muscle Phenotypic Transition and Calcification **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Mammoto, Akiko MD, PhD

Program Type: Transformational Project Award **Institution:** Medical College of Wisconsin **City/State:** Milwaukee, WI **Project Title:** Twist1 in age-related changes in angiogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Mehrad, Borna MD

Program Type: Transformational Project Award **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Circulating fibrocytes as biomarkers of cardiac sarcoidosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Mitchell, Brett PhD

Program Type: Transformational Project Award **Institution:** Texas A&M University Health Science Center **City/State:** College Station, TX **Project Title:** Renal Lymphatics in Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Mohan, Maradumane PhD

Program Type: Transformational Project Award **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Kinase independent signaling of PI3Kgamma in cardiac fibrosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Nguyen, Kim-Lien MD

Program Type: Transformational Project Award **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Ferumoxytol-Enhanced MRI for Myocardial Tissue Characterization **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,974

Orihuela, Carlos PhD

Program Type: Transformational Project Award **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Resident cardiac macrophage dysfunction and pneumonia-associated adverse cardiac events **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Pagano, Patrick PhD

Program Type: Transformational Project Award **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Progressive degenerative role of Nox and thrombospondin-1 in the aging vasculature **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Paul, Antonio PhD

Program Type: Transformational Project Award **Institution:** Albany Medical Center **City/State:** Albany, NY **Project Title:** Mechanisms of atheroprotection and plaque stabilization by lipid droplet-associated hydrolase **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Pavlov, Evgeny PhD

Program Type: Transformational Project Award **Institution:** New York University **City/State:** New York, NY **Project Title:** Misfolded proteins as core components of the mitochondrial permeability transition. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Plow, Ela PhD, PT

Program Type: Transformational Project Award **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** A Novel Approach for Brain Stimulation in Severe Stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Qian, Li PhD

Program Type: Transformational Project Award **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Single Cell Transcriptomics to Reconstruct Trajectory of Human Cardiac Reprogramming **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Reddy, Jay DVM, MSc

Program Type: Transformational Project Award **Institution:** University of Nebraska, Lincoln **City/State:** Lincoln, NE **Project Title:** Prevention of viral cardiomyopathy and insultitis by vaccination **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Saffitz, Jeffrey PhD, MD

Program Type: Transformational Project Award **Institution:** Beth Israel Deaconess Medical Center **City/State:** Boston, MA **Project Title:** Arrhythmogenic Cardiomyopathy is an Inflammatory Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Smith, Bryan BS, PhD

Program Type: Transformational Project Award **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Macrophage-Selective Nanotherapy for Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Song, Long-Sheng MD, MS

Program Type: Transformational Project Award **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** MG53: A double-edged sword in cardiac T-tubule damage and repair **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Stillitano, Francesca BS, PhD

Program Type: Transformational Project Award **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Pathophysiological mechanism of Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) caused by Phospholamban R14 deletion **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Sugi, Yukiko PhD, DVM

Program Type: Transformational Project Award **Institution:** Medical University of South Carolina
City/State: Charleston, SC **Project Title:** Signaling interaction and regulation in AV valvuloseptal maturation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Sun, Wei PhD

Program Type: Transformational Project Award **Institution:** Georgia Tech Research Corporation
City/State: Atlanta, GA **Project Title:** A Machine Learning Based Approach for Geometry Modeling and In Vivo Material Property Estimation of Thoracic Aorta **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Sundd, Prithu PhD, BS

Program Type: Transformational Project Award **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Mechanism of platelet extracellular vesicle-mediated vaso-occlusion in Sickle Cell Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,994

Thiel, William BS, PhD

Program Type: Transformational Project Award **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Deciphering mechanisms of vascular disease with cell and process specific ligands **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Tisdale, James BSC, PharmD

Program Type: Transformational Project Award **Institution:** Purdue University, West Lafayette
City/State: West Lafayette, IN **Project Title:** Reducing the Risk of Drug-Induced QT Interval Lengthening in Women **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Tong, Qiang PhD, MS

Program Type: Transformational Project Award **Institution:** Baylor College of Medicine, Houston
City/State: Houston, TX **Project Title:** Metabolic Regulation by Transcription Factor PU.1 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Trache, Andreea PhD

Program Type: Transformational Project Award **Institution:** Texas A&M University, College Station
City/State: College Station, TX **Project Title:** Cytoskeleton remodeling regulates contractile function and mechanosensing in vascular smooth muscle **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Ulmer, Tobias DPhil, MS

Program Type: Transformational Project Award **Institution:** University of Southern California **City/State:** Los Angeles, CA **Project Title:** Safeguards of unwarranted integrin activation and pathological thrombosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Wagner, Amy MD

Program Type: Transformational Project Award **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Dopamine Systems and Rehabilitation Treatments for Improving Neurorecovery among Cardiac Arrest Survivors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Wang, David PhD

Program Type: Transformational Project Award **Institution:** Washington University **City/State:** Saint Louis, MO **Project Title:** Host factors critical for Coxsackievirus B3 infection: leveraging C. elegans genetics **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Wang, Jun MD, PhD

Program Type: Transformational Project Award **Institution:** Texas Heart Institute **City/State:** Houston, TX **Project Title:** Role of SUMO-2/3 in cardiac remodeling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Zhang, Li PhD

Program Type: Transformational Project Award **Institution:** University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** A novel radiation-resistant CD11b-expressing leukocyte population with atheroprotective activities **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Zheng, Lei PhD

Program Type: Transformational Project Award **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Elucidating structural basis of sodium/calcium exchanger NCX essential for cardiac contractility **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

Zhou, Jiangbing PhD

Program Type: Transformational Project Award **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Targeted delivery of glyburide via antioxidant nanoparticles for stroke treatment **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000