American Heart Association
Awardees by Program Type
Last Update: August 2018

Grant-in-Aid

Adabag, Selcuk MD, MS
Program Type: Grant-in-Aid Institution: University of Minnesota, Minneapolis City/State: Minneapolis, MN Project Title: Validation of a Multivariable Prediction Model for Sudden Cardiac Death in Heart Failure Preserved Ejection Fraction Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $147,563

Adefeso, Omolola PhD
Program Type: Grant-in-Aid Institution: University of Michigan City/State: Ann Arbor, MI Project Title: Deformable hydrogel particles for delivery of targeted nanoparticles to vascular wall in CAD Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Ali, M. Yusuf PhD
Program Type: Grant-in-Aid Institution: University of Vermont, Burlington City/State: Burlington, VT Project Title: Single-molecule approaches to how force and motion of myosin V is regulated by adapter proteins that link motor to cargo Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Ameer, Guillermo ScD
Program Type: Grant-in-Aid Institution: Northwestern University, Evanston City/State: Evanston, IL Project Title: Developing imaging-compatible 3D-printed bioresorbable scaffolds Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,626

Araujo, Jesus PhD, MS
Program Type: Grant-in-Aid Institution: University of California, Los Angeles City/State: Los Angeles, CA Project Title: Air Pollution, Myeloid HO-1 Expression and Cardiovascular Toxicity Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Ardehali, Hossein PhD, MD
Program Type: Grant-in-Aid Institution: Northwestern University, Chicago City/State: Chicago, IL Project Title: Role of tristetraprolin in cardiac fatty acid metabolism and the development of heart failure Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
Azhar, Mohamad PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of South Carolina, Columbia  
**City/State:** Columbia, SC  
**Project Title:** Role of TGFbeta ligands in development and progression of aneurysm  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Bachschmid, Markus PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Boston University Medical Campus  
**City/State:** Boston, MA  
**Project Title:** Impaired cysteine-thiol redox signaling in metabolic cardiovascular disease  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2018  
**Total Years:** 3  
**Total Award Amount:** $198,000

Back, Stephen MD PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Oregon Health & Science University, Portland  
**City/State:** Portland, OR  
**Project Title:** Role of Extracellular Matrix in Perinatal Hypoxia-Ischemia  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Bagi, Zsolt PhD, MD  
**Program Type:** Grant-in-Aid  
**Institution:** Augusta University  
**City/State:** Augusta, GA  
**Project Title:** Adenosine kinase regulation of conducted vasodilation  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Barbieri, Riccardo PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Massachusetts General Hospital  
**City/State:** Boston, MA  
**Project Title:** EFFECTS OF TRANSCUTANEOUS VAGAL NERVE STIMULATION ON HYPERTENSION  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2018  
**Total Years:** 3  
**Total Award Amount:** $198,000

Barenkamp, Stephen BA, MD  
**Program Type:** Grant-in-Aid  
**Institution:** St. Louis University  
**City/State:** Saint Louis, MO  
**Project Title:** Development of a nontypeable Haemophilus influenzae vaccine  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Barone Gibbs, Bethany PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Pittsburgh  
**City/State:** Pittsburgh, PA  
**Project Title:** Sedentary Behavior across Pregnancy and Cardiovascular Health  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Basile, David PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Indiana University, Indianapolis  
**City/State:** Indianapolis, IN  
**Project Title:** Role of renal endothelial side population as a source of progenitor activity during growth or response to injury  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Bauer, Katherine PhD  
Program Type: Grant-in-Aid  
Institution: University of Michigan  
City/State: Ann Arbor, MI  
Project Title: Restrictive Feeding, Eating Behavior, and Obesity Among Children  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Bennett, Anton PhD  
Program Type: Grant-in-Aid  
Institution: Yale University  
City/State: New Haven, CT  
Project Title: Congenital Heart Disease Mechanisms by PTPN11/SHP2  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2018  
Total Years: 3  
Total Award Amount: $198,000

Bensinger, Steven VMD, PhD  
Program Type: Grant-in-Aid  
Institution: University of California, Los Angeles  
City/State: Los Angeles, CA  
Project Title: Understanding the crosstalk between type I IFNs and cholesterol metabolism in macrophages and atherosclerosis  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Bernstein, Kenneth MD  
Program Type: Grant-in-Aid  
Institution: Cedars-Sinai Medical Center  
City/State: Los Angeles, CA  
Project Title: Intrarenal ACE and hypertension  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Bilchick, Kenneth MD, MSc  
Program Type: Grant-in-Aid  
Institution: University of Virginia, Charlottesville  
City/State: Charlottesville, VA  
Project Title: Cardiac MRI for Optimal Heart Failure Outcomes with CRT Upgrades  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Black, Lauren PhD, MS  
Program Type: Grant-in-Aid  
Institution: Tufts University, Medford  
City/State: Medford, MA  
Project Title: A 3-D model of the infarct microenvironment for the evaluation of delivery strategies for cell-based therapies following  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2018  
Total Years: 3  
Total Award Amount: $198,000

Boesen, Erika BS, PhD  
Program Type: Grant-in-Aid  
Institution: University of Nebraska Medical Center, Omaha  
City/State: Omaha, NE  
Project Title: EHD4: A novel player in the urinary concentrating mechanism.  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Boivin, Benoit PhD  
Program Type: Grant-in-Aid  
Institution: SUNY Polytechnic Institute  
City/State: Albany, NY  
Project Title: Characterization of PTP1B-dependent regulation of Argonaute 2 and gene silencing in pathological cardiac remodeling  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
Broberg, Craig MD
Program Type: Grant-in-Aid Institution: Oregon Health & Science University, Portland City/State: Portland, OR Project Title: The Systemic Right Ventricle: Risks and Outcomes of Congestive Heart Failure Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,987

Bukrinsky, Michael PhD, MD
Program Type: Grant-in-Aid Institution: George Washington University City/State: Washington, DC Project Title: Epigenetic reprogramming in HIV-associated atherosclerosis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Campbell, Stuart BS, PhD
Program Type: Grant-in-Aid Institution: Yale University City/State: New Haven, CT Project Title: The role of mechanical loading in the pathogenesis of arrhythmogenic cardiomyopathy Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Chen, Peter BS, MD
Program Type: Grant-in-Aid Institution: Cedars-Sinai Medical Center City/State: Los Angeles, CA Project Title: miR-323a-3p regulation of chronic lung allograft dysfunction Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Chen, Yingjie MD PhD, MD
Program Type: Grant-in-Aid Institution: University of Minnesota, Minneapolis City/State: Minneapolis, MN Project Title: CD44 in heart failure development and progression Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Cheng, Zhongjian MS, PhD
Program Type: Grant-in-Aid Institution: Temple University City/State: Philadelphia, PA Project Title: Mechanisms of insufficient hydrogen sulfide-induced stem cell dysfunction in diabetes: role of miR-499 Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Cihakova, Daniela PhD, MD
Program Type: Grant-in-Aid Institution: Johns Hopkins University School of Medicine City/State: Baltimore, MD Project Title: DRIVERS OF POST-INFARCT CARIDIAC REMODELING Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Clyne, Alisa PhD, BS
Program Type: Grant-in-Aid Institution: Drexel University City/State: Philadelphia, PA Project Title: Impaired endothelial cell mechanosensing and metabolism in pulmonary arterial hypertension Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000
Cole, Jacqueline BS, MS  
**Program Type:** Grant-in-Aid  
**Institution:** North Carolina State University  
**City/State:** Raleigh, NC  
**Project Title:** Contributions of Bone Vasculature to Stroke-Induced Bone Fragility  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Cuevas, Javier PhD, BA  
**Program Type:** Grant-in-Aid  
**Institution:** University of South Florida, Tampa  
**City/State:** Tampa, FL  
**Project Title:** Identification of an endogenous ligand for acid-sensing ion channels: implications for stroke injury  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Currie, Kevin PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Rowan University  
**City/State:** Glassboro, NJ  
**Project Title:** Control of adrenal catecholamine secretion: a novel role for the serotonin transporter  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Dando, Robin BSC, MSc  
**Program Type:** Grant-in-Aid  
**Institution:** Cornell University, Ithaca  
**City/State:** Ithaca, NY  
**Project Title:** Obesity Induces Apoptosis of Taste Cells, Compromising Our Ability to Taste  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Day, Sharlene MD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Michigan Medical Center  
**City/State:** Ann Arbor, MI  
**Project Title:** Disruption of Proteostasis in Hypertrophic Cardiomyopathy Caused by Truncating Mutations in Myosin Binding Protein C  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

de Kloet, Annette BS, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL  
**Project Title:** Targeting angiotensin-vasopressin interactions in the brain to alleviate hypertension  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Decampli, William MD, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Central Florida Research Foundation, Inc.  
**City/State:** Orlando, FL  
**Project Title:** Hemodynamics of Novel Hybrid Approach to Comprehensive Stage II Operation for Single Ventricle  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Dhandapani, Krishnan BS, MS  
**Program Type:** Grant-in-Aid  
**Institution:** Augusta University  
**City/State:** Augusta, GA  
**Project Title:** Astrocyte mediated hematoma resolution after ICH  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Di Pietro, Santiago PhD  
Program Type: Grant-in-Aid  
Institution: Colorado State University, Fort Collins  
City/State: Fort Collins, CO  
Project Title: Mechanisms of Platelet Alpha Granule Biogenesis  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Domian, Ibrahim MD PhD  
Program Type: Grant-in-Aid  
Institution: Massachusetts General Hospital  
City/State: Boston, MA  
Project Title: The Role of Proteolysis in Cardiac Development and Disease  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Dong, Wenji MS, PhD  
Program Type: Grant-in-Aid  
Institution: Washington State University, Pullman  
City/State: Pullman, WA  
Project Title: Mechanistic roles of troponin, titin and MyBPC in sarcomere length-dependent function of cardiac myofilament  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Dore, Sylvain PhD  
Program Type: Grant-in-Aid  
Institution: University of Florida, Gainesville  
City/State: Gainesville, FL  
Project Title: To Investigate the Unique Role and Putative Mechanism of CD163-Mediated Protection Against ICH  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Edwards, David PhD  
Program Type: Grant-in-Aid  
Institution: University of Delaware  
City/State: Newark, DE  
Project Title: Mitochondrial Oxidative Stress in Chronic Kidney Disease  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

El-Shewy, Hesham PhD  
Program Type: Grant-in-Aid  
Institution: Medical University of South Carolina  
City/State: Charleston, SC  
Project Title: Sphingolipids and Calcium Mobilization  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Fan, Hua-Ying PhD  
Program Type: Grant-in-Aid  
Institution: University of New Mexico - Health Sciences Center  
City/State: Albuquerque, NM  
Project Title: Epigenetic Regulation of Notch Signaling  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Fay, William BS, MD  
Program Type: Grant-in-Aid  
Institution: University of Missouri, Columbia  
City/State: Columbia, MO  
Project Title: Pharmacological Targeting of Plasminogen Activator Inhibitor-1 to Inhibit Atherogenesis  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
Fishbein, Ilia PhD, MD  
Program Type: Grant-in-Aid  
Institution: The Children's Hospital of Philadelphia  
City/State: Philadelphia, PA  
Project Title: Induction of prohealing macrophage phenotype with stent-eluted gene vectors for the prevention of restenosis  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Fredenburgh, Laura MD, MA  
Program Type: Grant-in-Aid  
Institution: Brigham & Women’s Hospital  
City/State: Boston, MA  
Project Title: YAP/TAZ Regulation of TGF-beta/BMP Signaling and Vascular Remodeling in Pulmonary Arterial Hypertension  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Fu, Mao MD PhD  
Program Type: Grant-in-Aid  
Institution: University of Maryland, Baltimore  
City/State: Baltimore, MD  
Project Title: Functional genetic variants for lipoprotein (a) levels  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Gao, Wei Dong DPhil, MD  
Program Type: Grant-in-Aid  
Institution: Johns Hopkins University School of Medicine  
City/State: Baltimore, MD  
Project Title: Myofilament Desensitization in Hypertrophic Cardiomyopathy in Mice  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Garcia-Arcos, Itsaso PhD, MS  
Program Type: Grant-in-Aid  
Institution: SUNY Downstate Medical Center  
City/State: Brooklyn, NY  
Project Title: Pulmonary type 2 cell LRP1 in lipid and lipoprotein metabolism  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Garrity, Deborah PhD  
Program Type: Grant-in-Aid  
Institution: Colorado State University, Fort Collins  
City/State: Fort Collins, CO  
Project Title: Properties of the developing heart that mediate its biomechanical environment  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Gaudet, Rachelle PhD  
Program Type: Grant-in-Aid  
Institution: Harvard University, Cambridge  
City/State: Cambridge, MA  
Project Title: Direct Identification of Druggable Sites in TRPA1  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2018  
Total Years: 3  
Total Award Amount: $198,000

Ghebre, Yohannes PhD  
Program Type: Grant-in-Aid  
Institution: Baylor College of Medicine, Houston  
City/State: Houston, TX  
Project Title: The PPARδ/miR-146a Axis Protects against Endothelial Dysfunction and Prevents Atherosclerosis  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000
Gigley, Jason BS, PhD
Program Type: Grant-in-Aid Institution: University of Wyoming City/State: Laramie, WY Project Title: Dissecting development of NK cell immune exhaustion promoting responses in chronic T. gondii infection Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Gong, Yanqing PhD
Program Type: Grant-in-Aid Institution: University of Pennsylvania City/State: Philadelphia, PA Project Title: Role of Vesselin in Vascularization and Tissue Repair Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Gooch, Keith PhD
Program Type: Grant-in-Aid Institution: The Ohio State University City/State: Columbus, OH Project Title: Mechanical regulation of cardiac fibroblasts phenotype Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Goukassian, David MD PhD
Program Type: Grant-in-Aid Institution: Temple University City/State: Philadelphia, PA Project Title: TNF-TNFR1 signaling inhibition for stem cell-based myocardial repair and regeneration Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Groves, Alan MB ChB, MD
Program Type: Grant-in-Aid Institution: Icahn School of Medicine at Mount Sinai City/State: New York, NY Project Title: Research Proposal: Delineating the Triggers and Impact of Pathologic Cardiac Remodeling following Premature Birth Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $146,410

Grumbach, Isabella MD PhD
Program Type: Grant-in-Aid Institution: University of Iowa, Iowa City City/State: Iowa City, IA Project Title: CaMKII in mitochondria drives smooth muscle migration and neointimal hyperplasia Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Gumina, Richard PhD, MD
Program Type: Grant-in-Aid Institution: Vanderbilt University Medical Center City/State: Nashville, TN Project Title: Nucleotidases in atherothrombosis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Guo, Austin PhD, BS
Program Type: Grant-in-Aid Institution: New York Medical College City/State: Valhalla, NY Project Title: 20-HETE in Regulation of Ischemia-induced Neovascularization Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000
Gupta, Sudhiranjan PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Texas A&M University System Health Science Center, Temple  
**City/State:** Temple, TX  
**Project Title:** Molecular characterization of a novel miRNA: miR-1954 in cardiac remodeling  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Gupte, Sachin MD PhD  
**Program Type:** Grant-in-Aid  
**Institution:** New York Medical College  
**City/State:** Valhalla, NY  
**Project Title:** G6PD and PKG in Pulmonary Hypertension  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Halliwill, John PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Oregon, Eugene  
**City/State:** Eugene, OR  
**Project Title:** Exercise, Inflammation, and Histamine  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Halushka, Marc BS, MD PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD  
**Project Title:** Profiling Intercalated Disc Components in Arrhythmogenic Cardiomyopathy  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Hanafy, Khalid MD PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Beth Israel Deaconess Medical Center  
**City/State:** Boston, MA  
**Project Title:** HO-1 and TLR4 in Sterile Fever after Subarachnoid Hemorrhage  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Hays, Allison MD  
**Program Type:** Grant-in-Aid  
**Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD  
**Project Title:** Mechanisms relating PCSK9, inflammation and coronary endothelial dysfunction in HIV+ people  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Herter, Troy PhD, BS  
**Program Type:** Grant-in-Aid  
**Institution:** University of South Carolina, Columbia  
**City/State:** Columbia, SC  
**Project Title:** Abnormal Visual Search And Motor Function In Stroke  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Hillgartner, Frank BS, MS  
**Program Type:** Grant-in-Aid  
**Institution:** West Virginia University, Morgantown  
**City/State:** Morgantown, WV  
**Project Title:** Novel Mechanisms Controlling the Expression of FGF21, a Hepatokine That Reverses Metabolic Syndrome  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000
Hu, Kejin MSc, PhD
Program Type: Grant-in-Aid
Institution: University of Alabama at Birmingham
City/State: Birmingham, AL
Project Title: Transcriptional resistance to cardiac reprogramming and transcriptional regulation of cardiac fibroblasts
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

Jakubowski, Hieronim PhD, DSc
Program Type: Grant-in-Aid
Institution: Rutgers, The State University of New Jersey, RBHS
City/State: New Brunswick, NJ
Project Title: Homocysteine-thiolactone in Prognostication of Cardiovascular Disease Outcomes
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $154,000

Jiao, Kai MD, PhD
Program Type: Grant-in-Aid
Institution: University of Alabama at Birmingham
City/State: Birmingham, AL
Project Title: Epigenetic regulation of heart development
Award Start Date: 12/31/2018
Total Years: 2
Total Award Amount: $154,000

Jin, Zheng Gen PhD
Program Type: Grant-in-Aid
Institution: University of Rochester Medical Center
City/State: Rochester, NY
Project Title: Fluid shear stress signaling and atherogenesis
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

Kalifa, Jerome BS, MD
Program Type: Grant-in-Aid
Institution: Rhode Island Hospital
City/State: Providence, RI
Project Title: Cardiac Nerve-specific Photodynamic Mapping and Ablation for Cardiac Arrhythmias
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $154,000

Kang, Peter MD, BA
Program Type: Grant-in-Aid
Institution: Beth Israel Deaconess Medical Center
City/State: Boston, MA
Project Title: Thrombus targeted nano drug delivery system for thromboembolic diseases
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

Kasahara, Hideko PhD, MD
Program Type: Grant-in-Aid
Institution: University of Florida, Gainesville
City/State: Gainesville, FL
Project Title: A novel role of myosin light chain kinase: associating with alpha-actinin at Z-disc
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $154,000

Kelley, George BS, MSc
Program Type: Grant-in-Aid
Institution: West Virginia University - Health Sciences Center
City/State: Morgantown, WV
Project Title: Exercise and Adiposity in Overweight and Obese Children and Adolescents: A Network Meta-Analysis
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000
Kenagy, Richard PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Washington, Seattle  
**City/State:** Seattle, WA  
**Project Title:** Human Venous Progenitor Cells in Vein Graft Failure  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Kern, Christine PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Medical University of South Carolina  
**City/State:** Charleston, SC  
**Project Title:** Requirement of the ECM protease ADAMTS5 during development of the ascending aorta  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Khasawneh, Fadi BSC, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Texas, El Paso  
**City/State:** El Paso, TX  
**Project Title:** Investigating the Role of The Regulator of G-Protein Signaling 16 in Platelet Function  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Kim, Jonghan PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Northeastern University, Boston  
**City/State:** Boston, MA  
**Project Title:** Multifunctional Nanochelators to Correct Cardiac Hypertrophy and Hyperlipidemia in Iron Overload Disorders  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

King, Samantha PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Nationwide Children's Hospital  
**City/State:** Columbus, OH  
**Project Title:** The role of a serine rich repeat protein required for binding multiple carbohydrates in Streptococcus oralis endocarditi  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Kwon, Chulan PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD  
**Project Title:** Role of Spalt-like Gene in Cardiac Development  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Lee, Sangderk PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Kentucky College of Medicine  
**City/State:** Lexington, KY  
**Project Title:** Deciphering the regulatory mechanism of hepatic VLDL production by heparin binding EGF-like growth factor (HB-EGF)  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Li, Qingjie PhD  
**Program Type:** Grant-in-Aid  
**Institution:** The University of Texas Medical Branch  
**City/State:** Galveston, TX  
**Project Title:** Epigenetic regulation of myosin light chain by colitis in myocardium  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000
Liaw, Lucy PhD  
Program Type: Grant-in-Aid  Institution: Maine Medical Center  City/State: Portland, ME  Project Title: The vascular-adipose microenvironment and susceptibility to vascular disease  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Lichtman, Judith PhD  
Program Type: Grant-in-Aid  Institution: Yale University  City/State: New Haven, CT  Project Title: Post-Acute Care Services and Outcomes Among Elderly Stroke Patients  Award Start Date: 1/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $154,000

Lin, Hung Wen BS, PhD  
Program Type: Grant-in-Aid  Institution: Louisiana State University Health Sciences Center Shreveport  City/State: Shreveport, LA  Project Title: Neuronal fatty acid methylation by protein arginine methyltransferase  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Liu, Peiying PhD  
Program Type: Grant-in-Aid  Institution: Johns Hopkins University School of Medicine  City/State: Baltimore, MD  Project Title: A one-stop-shop scheme for hemodynamic imaging in cerebrovascular diseases  Award Start Date: 1/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $154,000

Liu, Qinglian PhD  
Program Type: Grant-in-Aid  Institution: Virginia Commonwealth University, Richmond  City/State: Richmond, VA  Project Title: Characterizing the unique substrate binding activity of HSP110, key molecular chaperones in cardiovascular protection  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Liu, Yuru PhD  
Program Type: Grant-in-Aid  Institution: University of Illinois at Chicago  City/State: Chicago, IL  Project Title: Sphingosine-1-phosphate as an angiocrine mediator in alveolar repair following lung injury  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Lopes, Coeli PhD  
Program Type: Grant-in-Aid  Institution: University of Rochester Medical Center  City/State: Rochester, NY  Project Title: Statin therapy in inherited and drug-induced Long QT syndrome  Award Start Date: 1/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $154,000
Lovering, Andrew PhD
Program Type: Grant-in-Aid Institution: University of Oregon, Eugene City/State: Eugene, OR Project Title: Does patent foramen ovale closure improve exercise capacity & prevent blood flow through intrapulmonary shunt? Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Lucas, Alexandra MD
Program Type: Grant-in-Aid Institution: Arizona State University, Tempe City/State: Tempe, AZ Project Title: Regulating Glycosaminoglycans in Transplant Vascular Disease and Chronic Rejection Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Ma, Ke PhD, MD
Program Type: Grant-in-Aid Institution: Beckman Research Institute of City of Hope City/State: Duarte, CA Project Title: Circadian clock control of thermogenic brown and beige fat function Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Mani, Venkatesh PhD
Program Type: Grant-in-Aid Institution: Icahn School of Medicine at Mount Sinai City/State: New York, NY Project Title: Cardiovascular Safety of E-Cigarettes assessed by PET/MRI Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Massaro, An MD
Program Type: Grant-in-Aid Institution: Children's Research Institute, Washington, DC City/State: Washington, DC Project Title: Novel measures of dysfunctional cerebrovascular autoregulation as biomarkers of brain injury in perinatal HIE Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,258

Mcfetridge, Peter PhD
Program Type: Grant-in-Aid Institution: University of Florida, Gainesville City/State: Gainesville, FL Project Title: Vascular Tissue Re-Construction Using Novel Perfusion Conditions Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,998

McLaughlin, Tracey MD
Program Type: Grant-in-Aid Institution: Stanford University School of Medicine, Palo Alto City/State: Palo Alto, CA Project Title: Adaptive Immune Response in Visceral and Subcutaneous Fat: Role in Human Insulin Resistance Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000
Mestroni, Luisa MD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Colorado Denver  
**City/State:** Denver, CO  
**Project Title:** Cellular biomechanics in arrhythmogenic cardiomyopathy due to PKP2, LMNA and FLNC gene mutations  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Miao, Qing PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Medical College of Wisconsin  
**City/State:** Milwaukee, WI  
**Project Title:** Role of Nogo-B receptor in the pathogenesis of cerebral cavernous malformation  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Michaely, Peter PhD, BS  
**Program Type:** Grant-in-Aid  
**Institution:** University of Texas Southwestern Medical Center  
**City/State:** Dallas, TX  
**Project Title:** Differential endosomal sorting of LDLR by ARH and dab2  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Montasser, May BS, MS  
**Program Type:** Grant-in-Aid  
**Institution:** University of Maryland, Baltimore  
**City/State:** Baltimore, MD  
**Project Title:** Identification and characterization of a novel LDL lowering locus on a founder population.  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Mourkioti, Foteini PhD, BA  
**Program Type:** Grant-in-Aid  
**Institution:** University of Pennsylvania  
**City/State:** Philadelphia, PA  
**Project Title:** Cardiomyocyte telomere dysfunction in the progression of dystrophic cardiomyopathy  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Naqvi, Nawazish PhD, MSc  
**Program Type:** Grant-in-Aid  
**Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA  
**Project Title:** Identifying mechanism of T3 mediated proliferation in mitotically quiescent cardiomyocytes  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Neher, Saskia BS, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of North Carolina, Chapel Hill  
**City/State:** Chapel Hill, NC  
**Project Title:** Mechanisms of Lipase Folding and Quality Control  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Newport, Elissa PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Georgetown University  
**City/State:** Washington, DC  
**Project Title:** Language, neural reorganization, and functional outcomes after perinatal stroke  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Nicoli, Stefania PhD  
Program Type: Grant-in-Aid  
Institution: Yale University  
City/State: New Haven, CT  
Project Title: Hemodynamics Control of Artery Muscularization and Innervation  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $153,467

Nicolaia, Roberto MD, PhD  
Program Type: Grant-in-Aid  
Institution: Seattle Institute for Biomedical and Clinical Research  
City/State: Seattle, WA  
Project Title: Effect of Moderate Hyperoxia on Neovessel Stability in Human Atherosclerotic-induced Angiogenesis  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Offner, Halina MSc, DMSc  
Program Type: Grant-in-Aid  
Institution: Oregon Health & Science University, Portland  
City/State: Portland, OR  
Project Title: Effect of anti-PDL1/PDL2 antibodies in experimental stroke  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Oka, Shinichi PhD, MS  
Program Type: Grant-in-Aid  
Institution: Rutgers, The State University of New Jersey, RBHS  
City/State: New Brunswick, NJ  
Project Title: Sirt1 in myocardial metabolic remodeling  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Okumura, Cheryl BA, PhD  
Program Type: Grant-in-Aid  
Institution: Occidental College, Los Angeles  
City/State: Los Angeles, CA  
Project Title: Persistence of Group A Streptococcus in macrophage phagosomes: new targets for therapy  
Award Start Date: 1/1/2017  
Award End Date: 3/31/2019  
Total Years: 2  
Total Award Amount: $147,917

Ozaki, C Keith MD  
Program Type: Grant-in-Aid  
Institution: Brigham & Women’s Hospital  
City/State: Boston, MA  
Project Title: Protective Mechanisms by Protein Restriction in Intimal Hyperplasia  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2018  
Total Years: 3  
Total Award Amount: $198,000

Panepinto, John PhD, BS  
Program Type: Grant-in-Aid  
Institution: Research Foundation of SUNY  
City/State: Amherst, NY  
Project Title: Control of Host-Induced C. neoformans Morphogenesis by Protein Arginine Methylation  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Park, Daewon BS, MS  
Program Type: Grant-in-Aid  
Institution: University of Colorado Denver  
City/State: Denver, CO  
Project Title: Engineered biomimetic injectable system towards cardiac repair  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
Patel, Snehal BS, MD
Program Type: Grant-in-Aid  Institution: Albert Einstein College of Medicine  City/State: Bronx, NY  
Project Title: Mucosal Vascular Alterations during Heart Failure and Continuous Flow LVAD Support  
Award Start Date: 1/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $151,860

Pavlov, Evgeny PhD
Program Type: Grant-in-Aid  Institution: New York University  City/State: New York, NY  
Project Title: Molecular composition of the mitochondrial permeability transition pore  
Award Start Date: 1/1/2016  Award End Date: 12/31/2018  Total Years: 3  Total Award Amount: $198,000

Pearce, David MD
Program Type: Grant-in-Aid  Institution: University of California, San Francisco  City/State: San Francisco, CA  
Project Title: SGK1 crosstalk with Akt in the regulation of blood pressure and glucose metabolism  
Award Start Date: 1/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $154,000

Platt, Manu PhD, BS
Program Type: Grant-in-Aid  Institution: Georgia Tech Research Corporation  City/State: Atlanta, GA  
Project Title: Mechanisms for and prevention of large artery damage due to sickle cell disease  
Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Pochynyuk, Oleh PhD
Program Type: Grant-in-Aid  Institution: The University of Texas Health Science Center at Houston  City/State: Houston, TX  
Project Title: Flow dependent TRPV4-mediated [Ca2+]i signaling in PKD progression  
Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Rade, Jeffrey MD, BS
Program Type: Grant-in-Aid  Institution: University of Massachusetts Medical School  City/State: Worcester, MA  
Project Title: Inhibition of non-platelet thromboxane generation  
Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Radhakrishnan, Ishwar PhD, BS
Program Type: Grant-in-Aid  Institution: Northwestern University, Evanston  City/State: Evanston, IL  
Project Title: Biochemical and Structural Studies of the Sin3L/HDAC Complex  
Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Radice, Glenn PhD
Program Type: Grant-in-Aid  Institution: Thomas Jefferson University  City/State: Philadelphia, PA  
Project Title: Alpha-Catenins in Mechanochemical Signaling  
Award Start Date: 1/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $154,000
Rajagopal, Sudarshan MD PhD
Program Type: Grant-in-Aid Institution: Duke University Medical Center City/State: Durham, NC Project Title: Beta-Arrestin Regulation of VEGFR3 Signaling in Pulmonary Hypertension Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Rajaram, Murugesan PhD
Program Type: Grant-in-Aid Institution: The Ohio State University City/State: Columbus, OH Project Title: Role of miR155 and HSF-1 in cardiac inflammation and dysfunction in sepsis Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Rauova, Lubica MD, PhD
Program Type: Grant-in-Aid Institution: The Children's Hospital of Philadelphia City/State: Philadelphia, PA Project Title: Effect of synthetic cationic inhibitors on pathogenesis of HIT Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Regal, Jean PhD
Program Type: Grant-in-Aid Institution: University of Minnesota, Minneapolis City/State: Minneapolis, MN Project Title: Complement Activation in Pregnancy and Hypertension Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Reiss, Allison MD
Program Type: Grant-in-Aid Institution: NYU Winthrop Hospital City/State: Mineola, NY Project Title: Methotrexate and cholesterol transport regulation: Impact of treatment regimen in diabetes and metabolic syndrome Award Start Date: 1/1/2016 Award End Date: 12/31/2018 Total Years: 3 Total Award Amount: $198,000

Rhee, Sung PhD
Program Type: Grant-in-Aid Institution: University of Arkansas for Medical Sciences, Little Rock City/State: Little Rock, AR Project Title: Beta adrenergic receptor-mediated vasodilation of cerebral collateral arteries Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Rickards, Caroline PhD
Program Type: Grant-in-Aid Institution: University of North Texas Health Science Center, Fort Worth City/State: Fort Worth, TX Project Title: A novel approach for improving cerebral tissue blood flow and oxygenation via pulsatile perfusion therapy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
Rivera, Gonzalo PhD, DVM  
Program Type: Grant-in-Aid  
Institution: Texas A&M University, College Station  
City/State: College Station, TX  
Project Title: Role of intimal stiffness in endothelial-mesenchymal transition and atherosclerosis progression  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Robinson, Prema PhD  
Program Type: Grant-in-Aid  
Institution: University of Texas MD Anderson Cancer Center  
City/State: Houston, TX  
Project Title: Substance P antagonism for prevention of chemotherapy associated cardiotoxicity.  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Romero, Maritza MD, DSc  
Program Type: Grant-in-Aid  
Institution: Augusta University  
City/State: Augusta, GA  
Project Title: Role of Growth Hormone Releasing Hormone (GHRH) receptor in diabetes-associated dyslipidemia  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Rubinstein, Jack MD  
Program Type: Grant-in-Aid  
Institution: University of Cincinnati  
City/State: Cincinnati, OH  
Project Title: TRPV2 agonism for improved cardiac function in patients with single ventricle physiology  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Rudic, Dan PhD  
Program Type: Grant-in-Aid  
Institution: Augusta University  
City/State: Augusta, GA  
Project Title: Vascular clock mechanisms in remodeling and atherosclerosis  
Award Start Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Ruppar, Todd BSN, MSN  
Program Type: Grant-in-Aid  
Institution: Rush University Medical Center  
City/State: Chicago, IL  
Project Title: Self-Care Interventions Meta-Analysis for Heart Failure (SCIMA-HF)  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $153,210

Rutkowski, Joseph BS, MS  
Program Type: Grant-in-Aid  
Institution: Texas A&M University Health Science Center  
City/State: College Station, TX  
Project Title: Adipose tissue lymphatic vessel functions in obesity  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Sabharwal, Rasna BS, MS  
Program Type: Grant-in-Aid  
Institution: University of Iowa, Iowa City  
City/State: Iowa City, IA  
Project Title: Ang-(1-7) protects against stress-induced cardiac morbidity and mortality in muscular dystrophy  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
Sabri, Abdelkarim PhD
Program Type: Grant-in-Aid Institution: Temple University City/State: Philadelphia, PA Project Title: Protease activated receptor 4 and cardiac healing post myocardial infarction Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Sahoo, Susmita PhD
Program Type: Grant-in-Aid Institution: Icahn School of Medicine at Mount Sinai City/State: New York, NY Project Title: m6A Methylation of mRNA as a Novel Mechanism of Cardiac Repair by Human Stem Cell-Derived Exosomes Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Schopfer, Francisco PhD
Program Type: Grant-in-Aid Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: Novel bioactive fatty acids in fish oil Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Sharma, Ashish MBBS, PhD
Program Type: Grant-in-Aid Institution: University of Virginia, Charlottesville City/State: Charlottesville, VA Project Title: Protective role of stem cell-derived microvesicles and microRNAs in aortic aneurysms Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Singh, Prachi PhD
Program Type: Grant-in-Aid Institution: Mayo Clinic, Rochester City/State: Rochester, MN Project Title: Role of leptin in adipose tissue cell death: implications in for obesity Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Slusarski, Diane PhD
Program Type: Grant-in-Aid Institution: University of Iowa, Iowa City City/State: Iowa City, IA Project Title: Elucidating the Mechanisms of the McKusick-Kaufman syndrome gene MKKS/BBS6 in congenital heart disease Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Smuder, Ashley MS, PhD
Program Type: Grant-in-Aid Institution: University of South Carolina, Columbia City/State: Columbia, SC Project Title: Regulation of autophagy in chemotherapy-induced heart failure. Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Sousa, Marcelo PhD
Program Type: Grant-in-Aid Institution: University of Colorado, Boulder City/State: Boulder, CO Project Title: Novel antimicrobial targets against cardiovascular-disease-related pathogens Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
Stan, Radu MD, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Dartmouth College  
**City/State:** Hanover, NH  
**Project Title:** Biogenesis and regulation of endothelial fenestrae  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2018  
**Total Years:** 3  
**Total Award Amount:** $198,000

Stecker, Eric MD  
**Program Type:** Grant-in-Aid  
**Institution:** Oregon Health & Science University, Portland  
**City/State:** Portland, OR  
**Project Title:** The impact of health insurance on sudden cardiac arrest prevention  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $152,408

Stockand, James BS, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Texas Health Science Center at San Antonio  
**City/State:** San Antonio, TX  
**Project Title:** Purinergic regulation of ENaC  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Suarez, Yajaira BS, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Yale University  
**City/State:** New Haven, CT  
**Project Title:** Exosomal transfer of regulatory RNAs by Macrophages. Role in Cell-to-Cell communication in obese adipose tissue.  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2018  
**Total Years:** 3  
**Total Award Amount:** $198,000

Sucosky, Philippe BS, MS  
**Program Type:** Grant-in-Aid  
**Institution:** Wright State University, Dayton  
**City/State:** Dayton, OH  
**Project Title:** IDENTIFICATION AND ASSESSMENT OF HEMODYNAMIC PREDICTORS OF BICUSPID AORTIC VALVE AORTOPATHY  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $153,997

Summers, Scott PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Utah  
**City/State:** Salt Lake City, UT  
**Project Title:** Role of Portal Ceramides in Hepatic Steatosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Suster, Michael PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Case Western Reserve University  
**City/State:** Cleveland, OH  
**Project Title:** A Dielectric Microsensor for Comprehensive Assessment of Blood Coagulation at the Point-of-Care  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $153,248

Tallquist, Michelle PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Hawaii  
**City/State:** Honolulu, HI  
**Project Title:** Role of Tcf21 in cardiac fibroblasts  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Tang, Jiping MD  
Program Type: Grant-in-Aid  
Institution: Loma Linda University  
City/State: Loma Linda, CA  
Project Title: ER-stress as a Therapeutic Target for Neonatal Hypoxia Ischemia  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Tang, Wei-Jen PhD  
Program Type: Grant-in-Aid  
Institution: University of Chicago  
City/State: Chicago, IL  
Project Title: Structure and functions of chemokine CCL5-CXCL4 hetero-oligomer  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Taylor, Anne PhD, BS  
Program Type: Grant-in-Aid  
Institution: University of North Carolina, Chapel Hill  
City/State: Chapel Hill, NC  
Project Title: Molecular mechanisms triggering synaptic remodeling following stroke  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Taylor, Beth PhD, BS  
Program Type: Grant-in-Aid  
Institution: University of Connecticut, Storrs  
City/State: Storrs, CT  
Project Title: Near Infrared Spectroscopy (NIRS) To Diagnose Statin-Associated Muscle Symptoms  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $153,955

Tereshchenko, Larisa MD, PhD  
Program Type: Grant-in-Aid  
Institution: Oregon Health & Science University, Portland  
City/State: Portland, OR  
Project Title: Global electrical heterogeneity and clinical outcomes  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Tortorella, Domenico BS, PhD  
Program Type: Grant-in-Aid  
Institution: Icahn School of Medicine at Mount Sinai  
City/State: New York, NY  
Project Title: Discovery and characterization of cytomegalovirus entry factors  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

van Leyen, Klaus PhD  
Program Type: Grant-in-Aid  
Institution: Massachusetts General Hospital  
City/State: Boston, MA  
Project Title: Investigating Novel Mechanisms for Increased Hemorrhage Following Ischemia  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Vannatta, Kathryn PhD  
Program Type: Grant-in-Aid  
Institution: Nationwide Children’s Hospital  
City/State: Columbus, OH  
Project Title: Social, Emotional, and Academic Functioning of Youth with Congenital Heart Disease  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
Veenstra, Richard PhD
Program Type: Grant-in-Aid  Institution: SUNY Upstate Medical University  City/State: Syracuse, NY  Project Title: Acetylation and modulation of the cardiac L-type Ca2+ current by HDAC inhibitors  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Vijayan, Vinod PhD
Program Type: Grant-in-Aid  Institution: Baylor College of Medicine, Houston  City/State: Houston, TX  Project Title: PP2B modulates RhoA activation and platelet function by targeting RhoGDI  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Visconti, Richard PhD, MA
Program Type: Grant-in-Aid  Institution: Medical University of South Carolina  City/State: Charleston, SC  Project Title: A role for valve progenitor cells in post-infarction remodeling of the mammalian mitral valve  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Vlahakes, Gus MD
Program Type: Grant-in-Aid  Institution: Massachusetts General Hospital  City/State: Boston, MA  Project Title: Molecular reduction of ischemic ventricular remodeling following ring annuloplasty  Award Start Date: 1/1/2016  Award End Date: 12/31/2018  Total Years: 3  Total Award Amount: $198,000

Wainford, Richard BSC, PhD
Program Type: Grant-in-Aid  Institution: Boston University Medical Campus  City/State: Boston, MA  Project Title: Neural Control of the Kidney and Blood Pressure Regulation  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Wan, Mei PhD
Program Type: Grant-in-Aid  Institution: Johns Hopkins University School of Medicine  City/State: Baltimore, MD  Project Title: Mechanisms of Parathyroid Hormone-Accelerated Endothelium Repair  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Wang, Jian PhD, MD
Program Type: Grant-in-Aid  Institution: Johns Hopkins University School of Medicine  City/State: Baltimore, MD  Project Title: 20-HETE and hemorrhagic brain injury  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Wang, Mong-Heng PhD
Program Type: Grant-in-Aid  Institution: Augusta University  City/State: Augusta, GA  Project Title: Interaction of sEH and angiotensin II in retinopathy  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000
Wary, Kishore PhD  
Program Type: Grant-in-Aid  
Institution: University of Illinois at Chicago  
City/State: Chicago, IL  
Project Title: Mechanisms of Ischemic Preconditioning Mediated de novo Neovascularization  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Wedegaertner, Philip PhD  
Program Type: Grant-in-Aid  
Institution: Thomas Jefferson University  
City/State: Philadelphia, PA  
Project Title: Mechanisms of localization and trafficking of GRK5 and GRK6  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Wei, Yinan BS, MS  
Program Type: Grant-in-Aid  
Institution: University of Kentucky, Lexington  
City/State: Lexington, KY  
Project Title: Role of E. coli ETT2 in endothelial disruption and sepsis  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Weil, Zachary PhD, BS  
Program Type: Grant-in-Aid  
Institution: The Ohio State University  
City/State: Columbus, OH  
Project Title: Neurometabolic Vulnerability to Cerebral Ischemia after Traumatic Brain Injury  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Weiss, John PhD, MD  
Program Type: Grant-in-Aid  
Institution: University of California, Irvine  
City/State: Irvine, CA  
Project Title: Intramitochondrial Zn2+ accumulation and the induction of ischemic neurodegeneration  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

Wellman, George PhD  
Program Type: Grant-in-Aid  
Institution: University of Vermont, Burlington  
City/State: Burlington, VT  
Project Title: Regulation of blood flow by TRPV1 channels in arterial smooth muscle  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

Wesley, Umadevi PhD  
Program Type: Grant-in-Aid  
Institution: University of Wisconsin, Madison  
City/State: Madison, WI  
Project Title: Galectin3 and mesenchymal stem cells mediated ischemic brain regeneration  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

White, Howard PhD, BS  
Program Type: Grant-in-Aid  
Institution: Eastern Virginia Medical School, Norfolk  
City/State: Norfolk, VA  
Project Title: Structure of Prepowerstroke Cardiac Actomyosin by Time-Resolved Cryo Electron Microscopy  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
Xu, Yong PhD, MSc  
**Program Type:** Grant-in-Aid  
**Institution:** Baylor College of Medicine, Houston  
**City/State:** Houston, TX  
**Project Title:** Estrogen receptor-alpha neurons in the medial amygdala and blood pressure  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Xue, Bingzhong PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Georgia State University  
**City/State:** Atlanta, GA  
**Project Title:** Neurotrophin 3 regulates brown/beige adipocyte thermogenesis via sympathetic innervation of adipose tissue.  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Yamanouchi, Dai MD PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Wisconsin, Madison  
**City/State:** Madison, WI  
**Project Title:** Osteoclastogenic Macrophage Activation in Aortic Aneurysm  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Yang, Lei PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Indiana University, Indianapolis  
**City/State:** Indianapolis, IN  
**Project Title:** MicroRNA-126 Regulates Human Heart Development  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

Yin, Hang PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Georgia, Athens  
**City/State:** Athens, GA  
**Project Title:** Functions of Lin28a in brown adipose lineage determination and thermogenic activation  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Yu, Liqing PhD, MD  
**Program Type:** Grant-in-Aid  
**Institution:** Georgia State University  
**City/State:** Atlanta, GA  
**Project Title:** Macrophage Triglyceride Hydrolysis and Atherosclerosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Yue, Lixia PhD  
**Program Type:** Grant-in-Aid  
**Institution:** University of Connecticut, Farmington  
**City/State:** Farmington, CT  
**Project Title:** Elucidating Ca2+ signaling mechanisms in vascular pathogenesis of Marfan syndrome using patient-derived iPS cells  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2018  
**Total Years:** 3  
**Total Award Amount:** $198,000

Zheng, Wenjun PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Research Foundation of SUNY  
**City/State:** Amherst, NY  
**Project Title:** Decrypting the molecular mechanism of TRPV1 activation by multiscale simulation  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000
Zhong, Jixin MD, PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Case Western Reserve University  
**City/State:** Cleveland, OH  
**Project Title:** DPP4-ADA interaction as a metaflammatory target in atherosclerosis therapy  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Zhou, An PhD  
**Program Type:** Grant-in-Aid  
**Institution:** Morehouse School of Medicine  
**City/State:** Atlanta, GA  
**Project Title:** TrxG proteins as novel epigenetic regulators of neuronal excitability and their roles in ischemic stroke  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

Zimmerman, Stefan MD, BA  
**Program Type:** Grant-in-Aid  
**Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD  
**Project Title:** Spectral CT Extracellular Volume Mapping for Quantification of Focal Myocardial Fibrosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000