

**American Heart Association  
Awardees by Program Type  
Last Update: August 2017**

**Grant-in-Aid**

*Abrahams, Vikki BSc, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Role of TAM receptors in modulation of trophoblast function and vascular remodeling in obstetric APS **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$197,799

*Adabag, Selcuk MD, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Adar, Sara ScD, MHSc*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Neighborhood Noise as a Modifiable Risk Factor for Incident Hypertension: Evidence from Two Cohort Studies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$148,434

*Adebiyi, Adebawale PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Tennessee Health Science Center Memphis **City/State:** Memphis, TN **Project Title:** Myogenic renal autoregulation in neonatal acute kidney injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Adefeso, Omolola PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Agopian, A PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Hypertension genotypes in mothers and risk for congenital heart defects in offspring **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,968

*Alevriadou, Barbara Rita BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Redox Regulation of Autophagy in Postischemic Vascular Endothelial Cells **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

*Ali, M. Yusuf PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Alkayed, Nabil MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Role of Pericytes in Control of Capillary Perfusion in Brain **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Ameer, Guillermo ScD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Anderson, Gregory PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Magnesium Regulation of Chronic Pseudomonas aeruginosa Biofilm Infection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Angel, Peggi PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City/State:** Charleston, SC **Project Title:** 'N-Glycan Pathways in Congenital Aortic Valve

**Stenosis' Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$143,961

*Angelos, Mark*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University  
**City/State:** Columbus, OH **Project Title:** Preconditioning of human induced pluripotent stem cell derived cardiomyocytes **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2  
**Total Award Amount:** \$154,000

*Araujo, Jesus PhD, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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 **Funding Source:** Midwest **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

*Armoundas, Antonis PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Massachusetts General Hospital  
**City/State:** Boston, MA **Project Title:** Novel Pacing Methods for the Prevention of Ventricular Arrhythmias **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

*Askwith, Candice PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University  
**City/State:** Columbus, OH **Project Title:** Delta Opioid Receptor Regulation of Acidotoxicity Following Ischemia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Azhar, Mohamad PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

***Babu, Gopal PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Reduction in sarcolipin expression ameliorates cardiomyopathy in mdx mice **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Bachschnid, Markus PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Western States **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 **Funding Source:** Greater Southeast **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

***Bailey, E Fiona PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Respiratory strength training mitigates hypertension and sleep fragmentation in obstructive sleep apnea **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Barbieri, Riccardo PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Midwest **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 **Funding Source:** Great Rivers **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

***Barsegov, Valeri PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Massachusetts,  
Lowell **City/State:** Lowell, MA **Project Title:** Exploring molecular structural origins of fibrin  
mechanobiology **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total  
Award Amount:** \$198,000

***Basile, David PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

***Bayless, Kayla PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Texas A&M University Health  
Science Center **City/State:** College Station, TX **Project Title:** Filamins stabilize a transmembrane  
complex to initiate angiogenesis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total  
Years:** 2 **Total Award Amount:** \$140,000

***Bennett, Anton PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Western States **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

***Berkowitz, David BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Nebraska, Lincoln  
**City/State:** Lincoln, NE **Project Title:** Modulating H<sub>2</sub>S- and D-Serine-Signaling in the Brain: A New  
Approach to Combatting Ischemic Neuronal Cell Damage **Award Start Date:** 7/1/2016 **Award End**  
**Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Bernstein, Kenneth MD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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 **Funding Source:** Mid-Atlantic **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

***Billinger, Sandra PhD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Kansas Medical  
Center **City/State:** Kansas City, KS **Project Title:** Understanding Cardiovascular Risk and  
Cerebrovascular Regulation in Older Adults **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018  
**Total Years:** 2 **Total Award Amount:** \$154,000

***Black, Lauren PhD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Midwest **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

***Boisvert, William BS, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Hawaii  
**City/State:** Honolulu, HI **Project Title:** Role of CD98 in smooth muscle cell proliferation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Boivin, Benoit PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

***Boudina, Sihem PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Utah  
**City/State:** Salt Lake City, UT **Project Title:** Functional Characterization of Novel Visceral Adipose Tissue Progenitors. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Boyer, Laurie PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Massachusetts Institute of Technology **City/State:** Cambridge, MA **Project Title:** Interpreting non-coding genetic variants associated with cardiac traits using epigenomic signals **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

***Broberg, Craig MD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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 **Funding Source:** Mid-Atlantic **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

***Cai, Chenleng PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Isl1 Transcriptional Program in SHF Cardiac Progenitor Cell Development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

***Calvert, John PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Hydrogen Sulfide therapy ameliorates diabetic cardiomyopathy via inhibition of PTP1B **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Campbell, Stuart BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

***Candelario-Jalil, Eduardo PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Prostacyclin Receptor Activation and Neurovascular Protection in Ischemic Stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Chang, Benny PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Lipid Droplets Control Their Own Existence. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Chen, Peter BS, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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, Weiqin MS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Novel role of BSCL2 in brown adipose tissue development and function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Chen, Xiaoli PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Protective role of Pentraxin 3 in adipose tissue



inflammation and metabolic stress **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,917

*Chen, Yingjie MD PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Chen, Miaohsueh PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Characterizing supraclavicular brown adipose tissue during development and in obesity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Cheng, Zhongjian MS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

*Chishti, Athar MS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Tufts University, Boston **City/State:** Boston, MA **Project Title:** Regulation of calcium homeostasis in platelets **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

*Cho, Jaehyung PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Platelet ERO1alpha-PDI signaling in regulating platelet-neutrophil interaction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Cihakova, Daniela PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** DRIVERS OF POST-INFARCT CARDIAC 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 **Funding Source:** Great Rivers **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

*Cohen, Ethan PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Fzd2 acts via beta-catenin to maintain cardiac progenitor cells and promote cardiomyocyte differentiation **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

*Cole, Jacqueline BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

*Cooke, Daniel MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Bevacizumab therapy for brain arteriovenous malformations. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Cuevas, Javier PhD, BA*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

*Cunha, Shane PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Ankyrin-dependent assembly of SR/T-tubule organization **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Currie, Kevin PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **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

*Czirok, Andras PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Interplay between cardiomyocyte maturation and ECM micromechanics. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Dando, Robin BSc, MSc*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Davies, Ryan MD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Nemours Alfred I. DuPont Hospital for Children **City/State:** Wilmington, DE **Project Title:** Predictors of Individual Variation in Neurodevelopmental Outcomes Among Children Undergoing Cardiac Surgery **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

*Day, Sharlene MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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 Caestecker, Mark PhD, MBBS*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** BMP2-dependent metabolic reprogramming in pulmonary arterial hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*De Kloet, Annette BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

***Decampoli, William MD, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

***Delisle, Brian BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** The Cardiomyocyte Molecular Clock Regulates the Functional Expression of Scn5a **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Despa, Florin MSc, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Amylin vasculopathy, a therapeutic target to reduce stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Dhandapani, Krishnan BS, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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 **Funding Source:** Southwest **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

***Dikalova, Anna PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** Sirtuin 3 Inactivation and SOD2 Hyperacetylation in Vascular Oxidative Stress and Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Ding, Shinghua PhD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** The role of reactive astrocytes-derived GDNF in neural regeneration after focal ischemic stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Domian, Ibrahim MD PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

***Donahue, J Kevin BA, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Massachusetts  
Medical School **City/State:** Worcester, MA **Project Title:** AAV gene therapy-mediated prevention of  
atrial fibrillation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total  
Award Amount:** \$198,000

***Dong, Wenji MS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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 **Funding Source:** Greater Southeast **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

***Du, Yong PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University  
School of Medicine **City/State:** Baltimore, MD **Project Title:** Practical Dynamic Cardiac Imaging Using  
Dual-Head SPECT Camera **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2  
**Total Award Amount:** \$154,000

***Edwards, David PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

***Eghbali, Mansoureh PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California,

Los Angeles **City/State:** Los Angeles, CA **Project Title:** Sex differences in myocardial ischemia/reperfusion injury **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

*Eguchi, Satoru PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Hypertensive vascular remodeling via a caveolae-localized ADAM17 kinase, BMX **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*El-Shewy, Hesham PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

*Fairweather, Delisa PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Mayo Clinic, Jacksonville **City/State:** Jacksonville, FL **Project Title:** Sex differences in VitD during myocarditis/DCM **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Fan, Fan MD, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** Role of 20-HETE on aging and hypertension related cerebral vascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Fan, Qing PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Columbia University, New York **City/State:** New York, NY **Project Title:** Molecular mechanisms of human extracellular calcium-sensing receptor function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

*Fan, Hua-Ying PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **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

*Faustino, E. Vincent BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Prevention of central venous catheter-associated thrombosis in critically ill children **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Fay, William BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Fedorov, Vadim PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Structural and Molecular Atrial Substrates of the Human Atrial Fibrillation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Feng, Jun MD, MSc*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Rhode Island Hospital **City/State:** Providence, RI **Project Title:** Metabolic Regulation of Endothelial SKCa/IKCa Channels and Coronary Endothelial Function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

*Ferreri, Nicholas PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** New York Medical College **City/State:** Valhalla, NY **Project Title:** Targeting of renal TNF as a determinant of blood pressure regulation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Fishbein, Ilia PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

*Fong, Guo-Hua BSc, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Connecticut, Farmington **City/State:** Farmington, CT **Project Title:** Negative feedback regulation of vascular

development by blood vessel-derived signals **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018  
**Total Years:** 3 **Total Award Amount:** \$198,000

*Fraidenraich, Diego PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Mechanisms of endomyocardial fibrosis caused by loss of extracardiac Id **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018  
**Total Years:** 3 **Total Award Amount:** \$198,000

*Francis, Joseph PhD, DVM*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Louisiana State University, Baton Rouge **City/State:** Baton Rouge, LA **Project Title:** Role of High Mobility Box-1 in Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Fredenburgh, Laura MD, MA*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Friebs, Ingeborg MD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Mitochondrial Transplantation to Prevent Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Fu, Mao MD PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

*Fu, Qi MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Sex Differences in Elderly Hypertension: Role of the Venoarteriolar Response **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000



***Galkin, Vitold PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Eastern Virginia Medical School, Norfolk **City/State:** Norfolk, VA **Project Title:** Mechanism of Regulation of Thin Filament by Myosin Binding Protein-C **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Gao, Wei Dong DPhil, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

***Garat-Carter, Chrystelle PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Colorado, Aurora **City/State:** Aurora, CO **Project Title:** Role of the transcription factor CREB in the development of pulmonary hypertension. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Garcia-Arcos, Itsaso PhD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

***Gardner, Jason PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Louisiana State University, New Orleans **City/State:** New Orleans, LA **Project Title:** Excess cardiac lysyl oxidase activity promotes systolic dysfunction. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Garrity, Deborah PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Founders **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

***George, James MS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Mononuclear Phagocytes in Acute Kidney Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Gebre, Yohannes PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** The PPAR $\alpha$ /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

***Ghosh, Asish PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Acetyltransferase p300 in myofibroblast differentiation and cardiac fibrosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Gigley, Jason BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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

***Gingras, Alexandre BSC, MSc***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Regulation of endothelial cell junctions: Structural biology of Rasip1 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$140,000

***Gohil, Vishal PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Texas A&M University, College Station **City/State:** College Station, TX **Project Title:** Correcting mitochondrial defects in Barth syndrome models by targeting phosphatidylethanolamine metabolism **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Goldfinger, Lawrence PhD, BSC***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City/State:**

Philadelphia, PA **Project Title:** Regulation of platelet function by the TC21-RhoG nexus **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

***Gomes, Aldrin PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Role of reactive oxygen species in NSAID induced cardiotoxicity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Gong, Yanqing PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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

***Goodman, Joel PhD, BA***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** A molecular understanding of the function of perilipin **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Goukassian, David MD PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

***Graham, Linda MD,OTR***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** HDL Blocks TRPC5 Activation and Preserves Endothelial Cell Migration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Grossfeld, Paul MD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** the role of ETS-1 in the neural crest in cardiac development and disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Grotta, James MD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Memorial Hermann Hospital **City/State:** Houston, TX **Project Title:** BENefits of Stroke Treatment Delivered Using a Mobile Stroke Unit Compared to Standard **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Groves, Alan MB ChB, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Weill Medical College of Cornell University **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 **Funding Source:** Midwest **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 **Funding Source:** Greater Southeast **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

***Gumz, Michelle PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Blood pressure regulation by Per1 and the kidney clock **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Guo, Austin PhD, BS***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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, Rana PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Unlocking the Thermogenic Potential of White Adipose Tissue to Combat Obesity and Cardiometabolic Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Gupta, Sudhiranjan PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Founders **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 **Funding Source:** Western States **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Founders **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 **Funding Source:** Mid-Atlantic **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

*Heathcock, Jill MPT, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University  
**City/State:** Columbus, OH **Project Title:** Informing developmental screening and evaluation procedures for young infants with complex congenital heart defects **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$148,319

*Heistad, Donald MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City  
**City/State:** Iowa City, IA **Project Title:** Mechanisms of Aortic Valve Stenosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Herter, Troy PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Great Rivers **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

*Hinman, Jason MD PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Los Angeles  
**City/State:** Los Angeles, CA **Project Title:** The role of IL-17B/CXCL5 in metabolic syndrome-induced white matter stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Hoffman, Brenton PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham  
**City/State:** Durham, NC **Project Title:** Visualizing and Elucidating Mechanisms of Mechanotransduction in Vascular Smooth Muscle Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Hoffman, Maureane BS, MD PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Duke University Medical Center **City/State:** Durham, NC **Project Title:** Understanding the loss of perivascular tissue factor during wound healing **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Hoffman, Robert BS, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Nationwide Children's Hospital **City/State:** Columbus, OH **Project Title:** Complement and Cardiometabolic Risk in Adolescents **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Hong, Mee Young PhD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** San Diego State University Research Foundation **City/State:** San Diego, CA **Project Title:** Effects of Mixed Nut Consumption on Satiety and Weight Management **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Hoshijima, Masahiko PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Junctophilin and couplon regeneration in heart failure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Hu, Kejin MSc, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

***Huang, Suming PhD, BS***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** The role of lincRNA in heart development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Huang, Yufeng PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Profibrotic mechanism(s) of prorenin in cardiac and renal fibrosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Huo, Yuqing MD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Augusta University  
**City/State:** Augusta, GA **Project Title:** Myeloid PFKFB3 in atherosclerosis **Award Start Date:**  
7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Hutson, Mary PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham  
**City/State:** Durham, NC **Project Title:** Activation of thermosensitive TRPV channels in neural crest  
cells induces maternal fever-associated heart defects **Award Start Date:** 7/1/2016 **Award End Date:**  
6/30/2018 **Total Years:** 2 **Total Award Amount:** \$148,687

***Islam, Mohammad PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Columbia University, New York  
**City/State:** New York, NY **Project Title:** Mitochondrial mechanisms regulating acute lung injury  
**Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:**  
\$198,000

***Jakubowski, Hieronim PhD, DSc***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

***Jensen, Brian MD, BA***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina,  
Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Metabolic mechanisms of cardioprotection  
through alpha-1A adrenergic receptor activation **Award Start Date:** 7/1/2017 **Award End Date:**  
6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

***Ji, Hong-Long MD, DSc***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health  
Science Center at Tyler **City/State:** Tyler, TX **Project Title:** TARGETING ENACS BY PARACRINE  
IN CELL THERAPY OF PULMONARY EDEMA **Award Start Date:** 7/1/2016 **Award End Date:**  
6/30/2018 **Total Years:** 2 **Total Award Amount:** \$140,000

***Jiao, Kai MD, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at  
Birmingham **City/State:** Birmingham, AL **Project Title:** Epigenetic regulation of heart development



**Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Jimenez, Veronica MS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** California State University, Fullerton **City/State:** Fullerton, CA **Project Title:** Mechanisms of mechanosensation in the human parasite *Trypanosoma cruzi* **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,993

*Jin, Zheng Gen PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Johnson, Rajasingh PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Molecular Recapitulation of Noonan Syndrome in iPSC-derived Cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Jourdheuil, David PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Albany Medical Center **City/State:** Albany, NY **Project Title:** Functions of Cytoglobin during Programed Cell Death and Vascular Remodeling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Kahn, Andrew PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Risk of Intraventricular Thrombus Formation Based on Blood Stasis Quantification **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

*Kalifa, Jerome BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

***Kanaporis, Giedrius BS, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Rush University Medical Center  
**City/State:** Chicago, IL **Project Title:** Alternans in Atria: The Role of Action Potential Morphology  
**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:**  
\$154,000

***Kang, Peter MD, BA***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Greater Southeast **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, Vickie PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Brigham & Women's Hospital  
**City/State:** Boston, MA **Project Title:** IL-34: A Therapeutic Target for Kidney Disease **Award Start  
Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

***Kelley, George BS, MSc***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

***Kelm, Jr., Robert PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Vermont,  
Burlington **City/State:** Burlington, VT **Project Title:** Role of PURB in Controlling the Phenotypic  
Plasticity of Vascular Smooth Muscle Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018  
**Total Years:** 2 **Total Award Amount:** \$154,000

***Kenagy, Richard PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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 **Funding Source:** Mid-Atlantic **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

***Kershaw, Kiarri BS, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Lifecourse social adversity, DNA methylation, and cardiovascular disease risk **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Khasawneh, Fadi BSC, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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

***Kheir, John BS, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Hydrogen Gas as a Neuroprotective Agent during Circulatory Arrest for Congenital Heart Surgery **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

***Kheradvar, Arash MD, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Irvine **City/State:** Irvine, CA **Project Title:** Assessing the Risk of Transcatheter Heart Valve Calcification and Biomechanical Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Khundmiri, Syed BS, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Howard University, Washington, DC **City/State:** Washington, DC **Project Title:** Role of Age and Angiotensin II in ouabain-induced blood pressure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Kiani, Mohammad PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City/State:**

Philadelphia, PA **Project Title:** A biomimetic assay for rapid screening of novel anti-inflammatory therapeutics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Kim, Kyekyoon PhD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Illinois, Champaign-Urbana **City/State:** Urbana, IL **Project Title:** Neuroprotective Capacity of Intranasally Delivered Estrogen via Gelatin Nanoparticles **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$151,124

***Kim, Jonghan PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Great Rivers **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

***Kleber, Andre MD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Beth Israel Deaconess Medical Center **City/State:** Boston, MA **Project Title:** Defective Cx43 Trafficking in Arrhythmogenic Cardiomyopathy: Implications for Arrhythmogenesis and Therapy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Kohr, Mark BA, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins Bloomberg School of Public Health/Johnson & Johnson Community **City/State:** Baltimore, MD **Project Title:** Role of S-nitrosoglutathione reductase in cardioprotection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Konhilas, John PhD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Angiotensin II-mediated hypertension in mice with ovarian failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,982

***Kontos, Christopher MD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** A Novel Molecular Regulator of Vascular Homeostasis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Kontogianni-Konstantopoulos, Aikaterini PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** Obscurins: new players in the development of hypertrophic cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Krogsgaard, Michelle PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** NYU Medical Center **City/State:** New York, NY **Project Title:** The role of T-cell maturation related signaling pathways in antigen sensitivity of T-cells **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

***Kulmacz, Richard PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Cytochrome b Reductase 1 (CYBRD1) and Erythrocyte Antioxidant Defenses **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Kwon, Chulan PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

***Lahm, Tim MD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Estrogen receptor-alpha effects on right ventricular vascular density and angiogenesis in pulmonary hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

***Lawton, Jennifer MD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University **City/State:** Baltimore, MD **Project Title:** Identification and Targeted Manipulation of the

Cardioprotective KATP Channel to Reduce Myocardial Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Lee, Sangderk PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

*Lee, Jean PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Broadly neutralizing human monoclonal antibodies against S. aureus leukocidins **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Lee, Chih-Hao PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Harvard School of Public Health **City/State:** Boston, MA **Project Title:** Mitochondrial dynamics and metabolic flexibility **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Lee, Craig PharmD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Novel Biomarkers of Eicosanoid Metabolism in Coronary Artery Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Lee, Samuel PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Biomedical Research Institute of New Mexico **City/State:** Albuquerque, NM **Project Title:** Intracellular pH homeostasis in Candida albicans filamentation and virulence **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$152,460

*Li, Faqian PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Brg1-mediated repair of oxidative DNA double strand breaks in cardiomyocytes **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

***Li, Qingjie PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

***Lim, Steve PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** FAK REGULATION OF SMOOTH MUSCLE CELL PLASTICITY VIA EPIGENETIC CONTROL **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Lin, Hung Wen BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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, Yuru PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

***Liu, Peiying PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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, Zheng PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Wadsworth Center, Albany **City/State:** Albany, NY **Project Title:** Localization and Interaction of Domain Atomic Structures in Cardiac Ryanodine Receptor **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

*Liu, Yu MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Houston, Houston **City/State:** Houston, TX **Project Title:** Molecular mechanisms of miR-322/503 in regulating cardiomyocyte fate determination **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

*Liu, Zhiping PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** FoxO4-regulated post-myocardial infarction left ventricular remodeling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Liu, Qinglian PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Virginia Commonwealth University, Richmond **City/State:** Richmond, VA **Project Title:** Characterizing the unique substrate binding activity of HSP110S, 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, Bo PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City/State:** Madison, WI **Project Title:** Thrombospondin-1 and Pathogenesis of Abdominal Aortic Aneurysm **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Lopes, Coeli PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Western States **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 **Funding Source:** Western States **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

***Lukac, David BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Role of a regulator of cardiovascular proteinopathies in Kaposi's Sarcoma-associated herpesvirus (KSHV) infection **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

***Luther, James MS, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** Urinary sodium channels and diuretic response in acute heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Lutz, Carol BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** miRNA regulation of gene expression in the arachidonic acid metabolic pathway **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

***Ma, Rong PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of North Texas Health Science Center, Fort Worth **City/State:** Fort Worth, TX **Project Title:** I-mfa, a potential therapeutic target of diabetic nephropathy **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Ma, Ke PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **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

*Maitre, Nathalie MA, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Nationwide Children's Hospital **City/State:** Columbus, OH **Project Title:** Randomized controlled trial to Improve Oral Feeding Outcomes in Infants with Complex Congenital heart disease using Paci **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,799

*Mallipattu, Sandeep BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** SUNY, Stony Brook **City/State:** Stony Brook, NY **Project Title:** Krüppel-Like Factor 15 is critical to the identification of novel therapeutics in chronic kidney disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Maloyan, Alina PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Mechanisms linking maternal obesity to dysregulation of autophagy and metabolism in placenta **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Mani, Venkatesh PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Mano, Itzhak BA, MA*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** City University of New York, City College **City/State:** New York, NY **Project Title:** Transcriptional Signaling Cascades of Neuroprotection in Nematode Excitotoxicity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Markwald, Roger*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City/State:** Charleston, SC **Project Title:** Turning Etiological Discoveries into Remedial Therapies for Heart Valve Defects **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Maron, Bradley BA, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Brigham & Women's Hospital  
**City/State:** Boston, MA **Project Title:** Network Analysis: NEDD9 regulates maladaptive vascular fibrosis to promote pulmonary arterial hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$197,997

***Massaro, An MD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Western States **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

***Mears, Jason PhD, BS***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** The Molecular Mechanism of Mitochondrial Fission **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Mestroni Sbaizero, Luisa MD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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

***Meszaros, J Gary PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Northeast Ohio Medical University **City/State:** Rootstown, OH **Project Title:** Mechanisms of cardioprotection by type VI

collagen ablation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Meyer, Andrew BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** Coagulation Complications of CardioPulmonary bypass (C-3PO Study) **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Miano, Joseph PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** CRISPR Editing of the SRF-Myocardin Transcriptional Switch **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 **Funding Source:** Midwest **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 **Funding Source:** Southwest **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

*Minson, Christopher MS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Oregon, Eugene **City/State:** Eugene, OR **Project Title:** Heat Therapy to Improve Cardiovascular Health in Spinal Cord Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Mofrad, Mohammad PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Computer Models of Calcific Aortic Stenosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$139,320

*Montasser, May BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

*Morrow, John BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Columbia University, New York **City/State:** New York, NY **Project Title:** Mechanisms of arrhythmia induced by high-fat diet **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Morton, Richard PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Modification of CETP function as a novel therapeutic paradigm **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Mourkioti, Foteini PhD, BA*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

*Murray, Katherine MD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City/State:** Nashville, TN **Project Title:** Mutant atrial natriuretic peptide: A novel mediator of atrial arrhythmia susceptibility **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Naqvi, Nawazish PhD, MSc*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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 **Funding Source:** Mid-Atlantic **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

*Newcomer, Marcia PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Louisiana State University, Baton Rouge **City/State:** Baton Rouge, LA **Project Title:** Cellular mechanism of a lipoxygenase implicated in foam cell development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Newport, Elissa PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Founders **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

*Nicosia, Roberto MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Seattle Institute for Biomedical and Clinical Research **City/State:** Seattle, WA **Project Title:** Effect of Moderate Hyperoxia on Neovessel Stability in Human Atherosclerosis-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 **Funding Source:** Western States **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 **Funding Source:** Founders **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 **Funding Source:** Western States **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

*Olzmann, James BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** The cell biology of lipid droplets: Regulation of lipid and energy homeostasis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Orihuela, Carlos PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Caspase-associated necroptosis of cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Overholser, Brian PharmD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** microRNA dysregulation of cardiac repolarization during heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Ozaki, C Keith MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Pan, Xiaoyue PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Winthrop University Hospital **City/State:** Mineola, NY **Project Title:** Role of Macrophage Bmal1 in Cholesterol efflux and Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Panepinto, John PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Southwest **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

***Parra, Karlett PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of New Mexico - Health Sciences Center **City/State:** Albuquerque, NM **Project Title:** V-ATPase-dependent TORC1 Regulation in Yeast: The role of PI3,5P2 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Patel, Snehal BS, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Western States **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

***Pfister, Sandra PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City/State:** Milwaukee, WI **Project Title:** Estrogen and 15-HETE in Modulation of Vascular Function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$143,000

***Platt, Manu PhD, BS***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

*Plow, Ela PhD, PT*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Novel brain stimulation therapies in Stroke guided by expressions of plasticity **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

*Pochynyuk, Oleh PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Flow dependent TRPV4-mediated [Ca<sup>2+</sup>]<sub>i</sub> signaling in PKD progression **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

*Pollock, Norman BS, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Vitamin K to Slow Progression of Dyslipidemia and Diabetes Risk **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Preston, Ioana MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Tufts Medical Center **City/State:** Boston, MA **Project Title:** The Role of Mineralocorticoid Receptor (MR) in pulmonary hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Rachek, Lyudmila PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** Defining role of mitochondrial DNA damage and repair in the obesity and insulin resistance **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Rade, Jeffrey MD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Midwest **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 **Funding Source:** Great Rivers **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

***Raffai, Robert PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Hyperglycemia Dysregulation of MicroRNA in Myeloid cells: Impact on Atherosclerosis Regression **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

***Ragolia, Louis PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Winthrop University Hospital **City/State:** Mineola, NY **Project Title:** The Effects of Sleeve Gastrectomy on Cardiovascular Disease associated with Diabetes and Obesity **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

***Rajagopal, Sudarshan MD PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Great Rivers **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

***Raman, Priya PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Northeast Ohio Medical University **City/State:** Rootstown, OH **Project Title:** Targeting OGT in diabetic vascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Ramaswamy, Sharan PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Florida International University, Miami **City/State:** Miami, FL **Project Title:** Bioscaffold mitral valve replacement permitting somatic growth and remodeling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Rao, Reena PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** GSK3 - A Potential Drug Target To Prevent Renal Fibrosis Following Acute Kidney Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Rauova, Lubica MD, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

***Raval, Ami PhD, MPH***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Nicotine alters brain oxidative metabolism and exacerbates ischemic brain damage **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Rea, Thomas MD, MPH***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** Brain Oximetry during Cardiac Arrest **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Reddy, Sushma MBBS***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** MicroRNA-21 is a Biomarker for Right Ventricular Fibrosis and the Progression to Systolic Heart Failure in Right Ventric **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Regal, Jean PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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 **Funding Source:** Founders **Institution:** Winthrop University 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 **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

*Ripplinger, Crystal PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Role of interleukin-1b in arrhythmogenesis following myocardial infarction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Rivera, Gonzalo PhD, DVM*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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

*Rizzo, Victor PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** The role of endothelial caveolae in abdominal aortic aneurysm formation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Robinson, Prema PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Greater Southeast **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

***Rongish, Brenda PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Vascular Endothelial Growth Factor regulation of early cardiovascular structure and function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Rothberg, Brad BS, MA***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Structural basis of BK channel activation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

***Rubinow, Katya BA, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** Estrogen-mediated Remodeling of the HDL Particle **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Rubinstein, Jack MD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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 **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Vascular clock mechanisms in remodeling and atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

*Ruppar, Todd BSN, MSN*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Missouri, Columbia  
**City/State:** Columbia, MO **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 **Funding Source:** Southwest **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 **Funding Source:** Midwest **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 **Funding Source:** Great Rivers **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

*Sah, Rajan PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City  
**City/State:** Iowa City, IA **Project Title:** Ion channel regulation of pancreatic beta cell function **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 **Funding Source:** Founders **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

*Sainburg, Robert OTR, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Pennsylvania State University,  
University Park **City/State:** University Park, PA **Project Title:** Remediation of the Non-Paretic Arm to

Improve Functional Independence in Chronic Stroke survivors **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$148,319

*Satin, Jonathan PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Mechanism of a Novel Stable Compensatory Cardiac Hypertrophy Model **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

*Sato, Daisuke PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Multiscale Modeling of Cardiac Dynamics; How mechano-electric coupling promotes or suppresses cardiac arrhythmias **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Schopfer, Francisco PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

*Schreihofner, Ann PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of North Texas Health Science Center, Fort Worth **City/State:** Fort Worth, TX **Project Title:** Brain stem mechanisms for respiratory-related regulation of blood pressure in health and hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

*Scott, Daryl MD PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** The Role of SOX7 in Congenital Heart Defects **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Serysheva, Irina PhD, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Regulation of IP3R channel by calcium binding proteins **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Sethna, Christine BA, MEd*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** The Feinstein Institute for

Medical Research **City/State:** Manhasset, NY **Project Title:** Cardiovascular Disease Risk Factors in Children with Nephrotic Syndrome **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

*Sharma, Ashish MBBS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

*Shi, Haifei MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Miami University, Oxford **City/State:** Oxford, OH **Project Title:** Neural Mechanisms for Metabolic Regulation by Brain-Derived Neurotrophic Factor **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Shiva, Sruti PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Mechanisms of hemolysis induced mitochondrial regulation and platelet activation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

*Sieburth, Derek PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Southern California **City/State:** Los Angeles, CA **Project Title:** Neuronal control of the Oxidative Stress Response: Genetic Analysis of SKN-1/Nrf2 Activation by Neuroendocrine Signaling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Silva, Jonathan MS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Washington University **City/State:** Saint Louis, MO **Project Title:** Molecular Pathology of Brugada Syndrome Mutations **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Singh, Prachi PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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



*Singh, Harpreet BSc, MSc*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Drexel University **City/State:** Philadelphia, PA **Project Title:** Role and Mechanism of Mitochondrial Chloride Intracellular Channel 5 in Cardioprotection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Slusarski, Diane PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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 **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **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

*Sobie, Eric PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Intracellular and Intercellular variability in cardiac calcium release **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

*Sousa, Marcelo PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Founders **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

*Stanford, Stephanie PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Validation of LMPTP as a therapeutic target for heart

failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Stavrakis, Stavros MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Oklahoma Health Sciences Center **City/State:** Oklahoma City, OK **Project Title:** Neuromodulation of inflammation to treat heart failure with preserved ejection fraction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

*Stecker, Eric MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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

*Stein, James BS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City/State:** Madison, WI **Project Title:** Carotid Artery Displacement and Cardiovascular Disease Events: The Multi-Ethnic Study of Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,749

*Stempien-Otero, April MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** Collagen Turnover in End-Stage Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Stockand, James BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Founders **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 **Funding Source:** Great Rivers **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

*Sumby, Paul PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Nevada, Reno **City/State:** Reno, NV **Project Title:** A molecular basis for rheumatogenic group A Streptococcus isolates **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

*Summers, Scott PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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

*Sun, Yvonne BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Dayton **City/State:** Dayton, OH **Project Title:** Protective effects of short chain fatty acids against infective endocarditis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

*Sun, Zheng PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Obesity-Epigenome Interaction in Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Suster, Michael PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **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

*Symons, J David PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Aging limits vascular autophagic flux and impairs endothelial cell nitric oxide generation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Tallquist, Michelle PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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 **Funding Source:** Western States **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, Xiangyang PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Emory University,  
Atlanta **City/State:** Atlanta, GA **Project Title:** X-ray phase contrast CT based analysis of atherosclerotic  
plaques **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award  
Amount:** \$154,000

***Tang, Yaoliang PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Augusta University  
**City/State:** Augusta, GA **Project Title:** Identifying superior cardiac progenitor cells for treating ischemic  
cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total  
Award Amount:** \$154,000

***Tang, Wei-Jen PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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, Beth PhD, BS***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

***Taylor, Anne PhD, BS***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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-Clark, Thomas PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** Cardiovascular disease-associated neuronal plasticity transforms pulmonary-cardiac reflexes to sympathoexcitation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Terada, Naohiro MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** A Stem Cell Tactic to Promote Personalized Medicine in Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Terentyev, Dmitry PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Rhode Island Hospital **City/State:** Providence, RI **Project Title:** Regulation of excitation and calcium homeostasis by SK channels in cardiac hypertrophy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

*Tereshchenko, Larisa MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **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

*Titus, Margaret BA, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Mechanism of myosin motor-dependent filopod extension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Tortorella, Domenico BS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Tseng, Gea-Ny MPH, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Virginia Commonwealth University, Richmond **City/State:** Richmond, VA **Project Title:** Control of Assembly between Alpha and Beta Subunits of K Channels in Adult Ventricular Myocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Tsui, Benjamin PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Novel Image Reconstruction and Analysis Methods for 4D Clinical Gated Cardiac PET **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,999

*Van Leyen, Klaus PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Great Rivers **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 **Funding Source:** Founders **Institution:** SUNY Upstate Medical University **City/State:** Syracuse, NY **Project Title:** Acetylation and modulation of the cardiac L-type Ca<sup>2+</sup> 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 **Funding Source:** Southwest **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Founders **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

*Von Recum, Horst BA, ME*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Case Western Reserve  
University **City/State:** Cleveland, OH **Project Title:** Preventing Infection in Arteriovenous Grafts  
Through Drug Reloading **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2  
**Total Award Amount:** \$154,000

*Vranceanu, Ana-Maria PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Massachusetts General Hospital  
**City/State:** Boston, MA **Project Title:** Preventing chronic depression and post traumatic stress disorder  
in stroke patients and their family caregivers **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018  
**Total Years:** 2 **Total Award Amount:** \$153,646

*Wainford, Richard BSC, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Mid-Atlantic **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, Mong-Heng PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

***Wang, Qingjun PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Novel roles of platelet autophagy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Wang, Jian PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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, Jun MD, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Texas Heart Institute **City/State:** Houston, TX **Project Title:** Regulation of apoptosis inducing factor (AIF) activity in cardiomyocyte survival and death by SUMO conjugation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Wang, Dachun MD***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Modeling lung surfactant protein deficiencies with disease-specific hiPSC-ATIICs **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Wary, Kishore PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

***Waxman, Joshua PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Molecular mechanisms determining atrial size **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 **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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

*Weinberg, Jason MD, BA*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Immunoproteasome Contributions to Adenovirus Pathogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Weiss, John PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of California, Irvine **City/State:** Irvine, CA **Project Title:** Intramitochondrial Zn<sup>2+</sup> 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

*Weissgerber, Tracey BSC, MSc*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** The Vascular Glycocalyx in Normal Pregnancy and Preeclampsia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Wellman, George PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Midwest **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 **Funding Source:** Mid-Atlantic **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

***Whiteheart, Sidney PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Platelet Endocytosis in Hemostasis and Innate Immunity **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

***Wright, Davene BS, PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Seattle Children's Hospital **City/State:** Seattle, WA **Project Title:** Leveraging Incentives for Obesity Prevention **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,997

***Wu, Huaizhu MD, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** ApoCIII, triglyceride-rich lipoproteins, and atherogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Wythe, Joshua PhD, BA***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** The Cellular Dynamics of Arteriovenous Specification **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Xie, Zhonglin PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Georgia State University **City/State:** Atlanta, GA **Project Title:** Autophagy suppression and mitochondrial fission in endothelial cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Xie, Lai-Hua PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Mitochondrial regulation of intracellular Ca<sup>2+</sup> handling and arrhythmogenesis in the heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Xiong, Zhigang PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Morehouse School of Medicine **City/State:** Atlanta, GA **Project Title:** Targeting ASIC1a for stroke intervention **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

***Xu, Chunhui PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** MATURATION OF HUMAN PURIPOTENT STEM CELL-DERIVED CARDIOMYOCYTES **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Xu, Yong PhD, MSc***

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Midwest **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, Jenny PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Georgia State University **City/State:** Atlanta, GA **Project Title:** Integration of calcium signaling by calcium-sensing receptor **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,612

***Yang, Wei BS, MS***

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** ER stress response in recovery of brain function after cardiac arrest **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Yang, Lei PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **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 **Funding Source:** Greater Southeast **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

***Yin, Wei PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** SUNY, Stony Brook **City/State:** Stony Brook, NY **Project Title:** Altered flow changes thrombin generation rate **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Yoon, Yisang PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Mitochondrial dynamics in diabetic cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

***Yu, Liqing PhD, MD***

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

***Yu, Guoqiang PhD***

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Spatially Resolved Diffuse Correlation Spectroscopy for Cerebral Blood Flow Monitoring in Mouse Stroke Model **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Yue, Lixia PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** University of Connecticut, Farmington **City/State:** Farmington, CT **Project Title:** Elucidating Ca<sup>2+</sup> 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

*Zhan, Jixun BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Utah State University **City/State:** Logan, UT **Project Title:** A novel biosynthetic approach to self-supply of cardioprotective natural products in the human body **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

*Zhang, Jian MS, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Regulation of Autoimmune Myocarditis by Protein Ubiquitination **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

*Zhao, Ming PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** The size of myocardial injury as a new criterion for assessing the pathological state of the heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Zhao, Li-Ru PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** SUNY Upstate Medical University **City/State:** Syracuse, NY **Project Title:** Mechanistic determination of the therapeutic role of hematopoietic growth factors in CADASIL **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

*Zhao, Yutong MD, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Protein stability regulates epigenetic modification in acute lung injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Zhao, Xue Qiao MD*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** CAN PLAQUE CHARACTERISTICS AS ASSESSED

BY CAROTID MRI PREDICT SUBSEQUENT CARDIOVASCULAR EVENTS? **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,909

**Zheng, Wenjun PhD**

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Great Rivers **Institution:** Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** DPP4-ADA interaction as a metaflamatory 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, Rui PhD**

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City/State:** La Jolla, CA **Project Title:** Splicing Factor/microRNA Control of Cardiac Development and Function in Drosophila **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

**Zhou, Jiangbing PhD**

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Glyburide-loaded nanoparticles for stroke treatment **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

**Zhou, An PhD**

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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

**Zhou, Jing MD PhD, MD**

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Regulation of primary cilium formation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

**Zhou, Ping PhD**

**Program Type:** Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health

Science Center at Houston **City/State:** Houston, TX **Project Title:** Dexterous myoelectric control for improving hand function after stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Zhu, Haidong PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Dietary sodium reduction, inflammation and oxidative stress in hypertensives: a randomized controlled trial **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

*Zimmerman, Stefan MD, BA*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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

*Ziolo, Mark PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Correcting nitroso-redox imbalance via EMEPO as a therapeutic for heart disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000