



## American Heart Association Awardees by Program Type

Last Update: August 2019

### Postdoctoral Fellowship

#### **Fayal Abderemane-Ali, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Functional and structural studies of Voltage-Gated Sodium Channels using Batrachotoxin **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

#### **Sobhika Agarwala, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Novel role of Tetraspanin CD63 in determining hematopoietic stem cell fate **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

#### **Redouane Aherrahrou, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** A novel mechanism by which the CAD risk gene MIA3 regulates phenotypic transition of vascular smooth muscle cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

#### **Zahid Akhter, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** FAK regulation of DNMT3a controls epigenetic repression of S1PR1 transcription: Role in maintaining vascular barrier **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

#### **Zsuzsa Akos, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** California Institute of Technology, Pasadena **City/State:** Pasadena, CA **Project Title:** Understanding the first step in heart development: mechanism of mesoderm spreading **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Shafiul Alam, PhD, MSc, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** Louisiana State University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** Sigmar1 autophagic function in protecting cardiac proteotoxicity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Verena Albert, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Scripps Research Institute **City/State:** La Jolla, CA **Project Title:** An integrated approach to establish the role of the lipase DDHD2 in cardiovascular disease **Award Start Date:** 7/1/2017 **Award End Date:** 10/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

**Ayed Allawzi, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Assessing the impact of EC-SOD on alveolar macrophage programming in settings of lung inflammation **Award Start Date:** 1/1/2019 **Award End Date:** 6/30/2021 **Total Years:** 2 **Total Award Amount:** \$106,532

**Prasanna Allu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Transcriptional Networks in Cardiac Pacemaker Cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Md Almamun, PhD, MS, DVM**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Determine the role of ANKRD26 and Septins gene in megakaryopoiesis/thrombopoiesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Chrystian Alves, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Tet3-mediated epigenetic regulation of NPC homeostasis and cortical development after hypoxia in human cerebral organoid **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Michele Alves-Bezerra, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Them2-Mediated Regulation of Lipid and Glucose Metabolism in the Liver **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Cynthia Anderson, BS, MA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Hawaii **City/State:** Honolulu, HI **Project Title:** High Intensity Focused Ultrasound for Therapeutic Gene Transfer **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Kelly Anderson, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** The micropeptide Endoregulin controls SERCA activity in the vascular endothelium and systolic blood pressure in mice **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Warren Anderson, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Investigating the role of KLF14 in gene expression regulation and adipocyte metabolism **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Shabbir Ansari, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Tyler **City/State:** Tyler, TX **Project Title:** Role of oxidative stress-induced lipid peroxidation product, 4-hydroxy-2-nonenal, in thrombosis and inflammation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Tatsuya Aonuma, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** The axis of long noncoding RNA MIAT and microRNA-150 in acute myocardial infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Noemi Arias, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** St. Louis University **City/State:** Saint Louis, MO **Project Title:** The role of CIDEF/FSP27 on the metabolic fate of dietary lipids in the intestine **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Aline Maria Arlindo De Souza, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Georgetown University **City/State:** Washington, DC **Project Title:** The role of the renin angiotensin system in vascular and renal responses to severe food restriction **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Gaëlle Auguste, BSC, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** BET bromodomain protein 4 as a novel therapeutic target in dilated cardiomyopathy in laminopathy. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Rachit Badolia, PhD, MSc, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Glycolysis-Dependent Pentose Phosphate Pathway and One-carbon Metabolism during Cardiac Recovery in HF Patients. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Misuk Bae, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Inhibition of Endothelial Cell von Willebrand Factor Secretion Reduces Thrombotic Complications in Sickle Cell Disease **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Seongho Bae, PhD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Cardiac repair by enhanced vascularization with ETV2 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368



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**Meirong Bai, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Elucidating the Role and Mechanisms of MANF-mediated Cardioprotection **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Yuntao Bai, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Mitigation of Acute Kidney Injury by Inhibiting Fibroblast Growth Factor Receptor Pathway **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Ruchika Bajaj, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Understanding Structure-Function Relationships in Multidrug Resistance Protein 4 (MRP4) **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Bhavisha Bakrania, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** Soluble guanylyl cyclase as a therapeutic target for preeclampsia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Bijinu Balakrishnan, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Ohio University, Athens **City/State:** Athens, OH **Project Title:** Identifying a novel role of FSP27 in regulating vascular function **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Deborah Barany, BA, MA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Georgia, Athens **City/State:** Athens, GA **Project Title:** Abnormally High Activation in Motor Cortex after Stroke: Reorganization or Increased Motor Demand? **Award Start Date:** 7/1/2018 **Award End Date:** 7/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Sebastian Barreto, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Investigating blue light activation of opsins as a novel approach to treat vasoconstrictive diseases **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Halesha Basavarajappa, BSC, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Beckman Research Institute of City of Hope **City/State:** Duarte, CA **Project Title:** Interactions of EGFR-Notch-Wnt pathways in beta cell survival **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Lindsey Bazzone, BS, MD PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Massachusetts Medical School **City/State:** Worcester, MA **Project Title:** The Role of ADAM9 in the Immunopathogenesis of Viral Myocarditis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**William Beavers, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University **City/State:** Nashville, TN **Project Title:** Interrogating methionine sulfoxide reductases in *S. aureus* pathogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 7/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Bryan Becker, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Role of Renal Sensory Nerves in Mediating Hypertension **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**John Bennett, PhD, BSC, AA, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Exploring the role of Slc44a2 in thrombosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Ewa Bielczyk-Maczynska, PhD, MSc, MSc, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Targeting mechanosensing signaling in the treatment of systemic sclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Paola Bisignano, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Structure-based drug design to identify new sugar transporter inhibitors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368



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**Andras Boeszoermenyi, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Dana-Farber Cancer Institute, Boston **City/State:** Boston, MA **Project Title:** Therapeutic targeting of SREBP-dependent lipogenesis by disrupting essential protein-protein interactions **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Laura Bouchareychas, BA, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** NCIRE The Veterans Health Research Institute **City/State:** San Francisco, CA **Project Title:** Influence of Hyperglycemia on Macrophage-derived Exosomes in Diabetic Atherosclerosis. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Renee Bouley, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** G protein-coupled receptor kinase inhibitors as therapeutics for heart failure and hypertrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Kevin Boyé, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** On-demand opening of the Blood-Brain Barrier through Unc5B regulation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Andrea Braganza, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Age-Related Decrease in Mitofusin 1 Results in Platelet Dysfunction and Thrombosis **Award Start Date:** 1/1/2019 **Award End Date:** 6/30/2021 **Total Years:** 2 **Total Award Amount:** \$110,456

**Cameron Brand, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Transcriptional Regulation in Cardiomyocytes by S1P **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Simone Brixius-Anderko, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Understanding aldosterone biosynthesis for the treatment of hypertension **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Danielle Brooks, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** The Role of the Salt-Sensitive Epigenetic Regulator Lysine-Specific Demethylase 1 (LSD1) in Aldosterone Production **Award Start Date:** 7/1/2018 **Award End Date:** 9/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Michael Bround, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** The Role of Micu2 in Ischemia Reperfusion Injury and Cardiomyocyte Biology **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Shane Browne, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Growth factor-sequestering hydrogels for the promotion of iPSC-derived cell survival. **Award Start Date:** 7/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

**Gamze Bulut, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Perivascular smooth muscle derived macrophage-like cells maintain vessel integrity and respond to vascular remodeling **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Kanokwan Bunsawat, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Autonomic and Vascular Dysfunction in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328





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**Alberto Canfran-Duque, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Role of microRNAs in the phenotypic switching of endothelial cells and vascular smooth muscle cells in atherosclerosis. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Jun Cao, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Medical Branch **City/State:** Galveston, TX **Project Title:** Mechanism of alternative splicing dysregulation in diabetic hearts **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Elisa Carrillo Flores, BA, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Mechanism of allosteric communication in NMDA receptors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Francisco Carrillo-Salinas, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Tufts University, Boston **City/State:** Boston, MA **Project Title:** Role of gut microbiota induced immune responses in heart failure **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Andreane Cartier, BSc, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Novel regulators for Sphingosine 1-Phosphate receptor endocytosis and their role in vascular morphology and integrity. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Edmund Carvalho, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Genome-wide CRISPR KO screen identified S100Z as a molecular link for Ca<sup>2+</sup> overload-induced cell death. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Humberto Cavalcante Joca, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Maryland, Baltimore  
**City/State:** Baltimore, MD **Project Title:** Mechano-chemo transduction in atrial myocytes **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Christopher Chan, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Massachusetts General Hospital  
**City/State:** Boston, MA **Project Title:** Cardiovascular risk factors impair T cell development and thymic function **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Fanette Chassagne, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Washington, Seattle  
**City/State:** Seattle, WA **Project Title:** In vitro and in silico studies of surgical planning of pediatric coarctation repair **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Snehal Chaudhari, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard Medical School **City/State:** Boston, MA **Project Title:** A novel microbiome-induced GLP-1 agonist confers beneficial alterations in the enterocardiac axis post-bariatric surgery **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Pulin Che, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** The FAK-NWASP Axis Regulates Lung Endothelial Cell Permeability **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Karthickeyan Chella Krishnan, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Exploring the Mechanistic Roles of Pklr and Chchd6 in Non-Alcoholic Fatty Liver Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Bijun Chen, PhD, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** Albert Einstein College of Medicine **City/State:** Bronx, NY **Project Title:** Regulation of macrophage phenotype in the infarcted myocardium **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Hong-Ru Chen, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville  
**City/State:** Charlottesville, VA **Project Title:** Creatine/phosphocreatine for neuroprotection in cerebral ischemia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Jia-Nan Chen, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Neuroprotection in Stroke by Loss of Volume-Regulated Anion Channel in Astrocytes **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Jun Chen, BS, BA, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Tissue Engineered Atherosclerosis Model in a Physiological Bioreactor **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Qian Chen, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** The role of angiocrine sphingosine-1-phosphate in regulating alveolar epithelial repair after injury **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Qiuyan Chen, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** Structural basis of GPCR mediated GRK activation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Yingxian Chen, PhD, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Determining the in vivo role of microtubule detyrosination in healthy and diseased myocardium **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Bojjibabu Chidipi, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** A Novel Engineered Peptibody that Blocks the Acetylcholine Activated Inward Rectifier Potassium Current **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Haiyan Chu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Molecular Basis of Maternal Hypertension in the Antiphospholipid Syndrome **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Ai Wern Chung, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Exploring information transport in structural networks as an MRI biomarker for altered brain organization in adult CHD **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Onur Cil, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** TMEM16A AND PENDRIN INHIBITORS FOR HYPERTENSION THERAPY **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

**Bethan Clifford, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** A Novel Mechanism for the Regulation of Plasma Cholesterol by Silencing the E3 Ligase, RNF130 **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Donna Collins-McMillen, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Do novel HCMV immediate early promoters drive reactivation from latency? **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Pauline Colombier, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Defining the Endothelin-dependent gene regulatory network in neural crest development **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Mert Colpan, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Arizona, Tucson  
**City/State:** Tucson, AZ **Project Title:** Identifying the role of adenylyl cyclase-associated protein 2 in cardiac muscle. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020  
**Total Years:** 2 **Total Award Amount:** \$106,532

**Guillaume Courbon, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Northwestern University, Chicago  
**City/State:** Chicago, IL **Project Title:** Cardiorenal effects of iron and phosphate in chronic kidney disease: role of fibroblast growth factor 23 **Award Start Date:** 1/1/2019  
**Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Daniel Craighead, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado, Boulder  
**City/State:** Boulder, CO **Project Title:** Efficacy of inspiratory muscle strength training for improving blood pressure and vascular function in mid-life adults **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Gene Crislip, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL **Project Title:** The Role of Sex Hormones in Distal Nephron-Specific BMAL1 Blood Pressure Regulation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Selasi Dankwa, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Seattle Children's Hospital  
**City/State:** Seattle, WA **Project Title:** Characterization of host kinases and kinase inhibitors that regulate barrier properties in human brain endothelial cells **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**John Henry Dasinger, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Medical College of Wisconsin  
**City/State:** Milwaukee, WI **Project Title:** Contribution of T lymphocytes in the development of maternal syndrome in Dahl SS rats **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



**American  
Heart  
Association.**

**Lauren Davey, PhD, MSc, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Duke University Medical Center  
**City/State:** Durham, NC **Project Title:** Genetic analysis of a beneficial gut bacterium  
**Award Start Date:** 7/1/2018 **Award End Date:** 9/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Marco De Giorgi, BSC, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Baylor College of Medicine,  
Houston **City/State:** Houston, TX **Project Title:** Investigation of the mevalonate  
pathway in a new mouse model of liver specific Hmgcr deletion **Award Start Date:**  
1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Daniel De Jesus, PhD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pittsburgh **City/State:**  
Pittsburgh, PA **Project Title:** The Role of NADPH oxidase 1 and Gremlin1 in Pulmonary  
Arterial Hypertension **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total  
Years:** 2 **Total Award Amount:** \$110,456

**Guorui Deng, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Iowa, Iowa City  
**City/State:** Iowa City, IA **Project Title:** Mechanisms of angiotensin AT1A signal  
transduction in AgRP neurons for metabolic rate control **Award Start Date:** 1/1/2019  
**Award End Date:** 3/31/2021 **Total Years:** 2 **Total Award Amount:** \$106,532

**Catherine Derington, BS, PharmD**

**Program Type:** Postdoctoral Fellowship **Institution:** Kaiser Permanente, Aurora  
**City/State:** Aurora, CO **Project Title:** Effectiveness and Safety of Twice-Daily Lisinopril  
and Losartan **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2019 **Total Years:** 1  
**Total Award Amount:** \$52,216

**Katrin Dias, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern  
Medical Center **City/State:** Dallas, TX **Project Title:** High Intensity Exercise for  
Increasing Cardiorespiratory Fitness in Patients with Hypertrophic Cardiomyopathy  
**Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award  
Amount:** \$104,060



**American  
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Association.**

**Ariel Diaz, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA **Project Title:** The Plasminogen Activator System Protects the Synapse in the Ischemic Brain **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020  
**Total Years:** 2 **Total Award Amount:** \$106,532

**Wen Ding, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Role of miR-33 in diabetic nephropathy and cardiovascular complications **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2  
**Total Award Amount:** \$103,328

**Deepti Diwan, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** NAMPT mediates hypoxic conditioning-induced DCI protection in SAH **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2  
**Total Award Amount:** \$110,456

**Prakash Doddapattar, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Mechanistic role of integrin alpha9beta1 in atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2  
**Total Award Amount:** \$114,368

**Jessica Doerner, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Defining dendritic cell responses to Legionella pneumophila **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2  
**Total Award Amount:** \$106,532

**Kunzhe Dong, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** CARMN, a novel smooth muscle-specific lncRNA, is a critical regulator of smooth muscle phenotype **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2  
**Total Award Amount:** \$110,456

**Kleiton Dos Santos Silva, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Determining the role of angiotensin II-regulated autophagy on skeletal muscle degeneration. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



**American  
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**Ashish Doshi, PhD, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University  
**City/State:** Baltimore, MD **Project Title:** Personalized, image-based computational models for ventricular arrhythmia risk assessment in myocarditis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

**Lauren Douma, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL **Project Title:** Mechanism of Per1-Dependent Salt-Sensitive Non-Dipping Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020  
**Total Years:** 2 **Total Award Amount:** \$104,060

**Tejasvi Dudiki, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cleveland Clinic Foundation  
**City/State:** Cleveland, OH **Project Title:** Role of exosomes in cancer associated thrombotic complications **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020  
**Total Years:** 2 **Total Award Amount:** \$110,456

**Peter Dumoulin, PhD, BSc**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard School of Public Health  
**City/State:** Boston, MA **Project Title:** Study of Trypanosoma cruzi intracellular amastigote glutamine metabolism and its impact on drug susceptibility **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Jeremy Duncan, PhD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Mississippi Medical Center  
**City/State:** Jackson, MS **Project Title:** Role of Cytokines in Mediating Cerebrovascular Dysfunction in Placental Ischemia **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Punashi Dutta, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Nationwide Children's Hospital  
**City/State:** Columbus, OH **Project Title:** Targeting nuclear export to attenuate aortic valve calcification **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532





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**Nidhi Dwivedi, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Kansas Medical Center  
**City/State:** Kansas City, KS **Project Title:** Cystic Epithelial Connective Tissue Growth  
Factor Stimulates Interstitial Fibrosis in Polycystic Kidney Disease **Award Start Date:**  
1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Asuka Eguchi, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of  
Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Role of telomere shortening  
in Duchenne muscular dystrophy cardiomyopathy **Award Start Date:** 7/1/2018 **Award  
End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Merlyn Emmanuel, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University **City/State:**  
Nashville, TN **Project Title:** Exosome function in stromal matrix assembly **Award Start  
Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:**  
\$106,532

**Jinqi Fan, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA **Project Title:** TBX18 driven self-organization clusters of iPMS  
and fibrous tissue reconstruction **Award Start Date:** 1/1/2019 **Award End Date:**  
12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Liang Fan, MD PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health  
Science Center at Tyler **City/State:** Tyler, TX **Project Title:** CSP7 inhibits toxicity of  
ionizing radiation to the lung **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020  
**Total Years:** 2 **Total Award Amount:** \$106,532

**Minrui Fan, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of  
Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Molecular mechanism of  
mitochondrial calcium transport in the heart **Award Start Date:** 1/1/2019 **Award End  
Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Marina Felisbino, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver  
**City/State:** Denver, CO **Project Title:** Epigenetic Regulation of Cardiac Fibroblast  
Senescence by Class I Histone Deacetylases **Award Start Date:** 1/1/2019 **Award End  
Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Elizabeth Fletcher, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Tufts Medical Center **City/State:** Boston, MA **Project Title:** The Role of Monocyte PAR1 in Coronary Artery Disease and Myocardial Ischemia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Anat Florentin, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Georgia, Athens **City/State:** Athens, GA **Project Title:** The Function of the Bacterial Clp Complex in the Apicoplast of Malaria Parasites **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Allana Forde, BA, MPH, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Drexel University **City/State:** Philadelphia, PA **Project Title:** Discrimination and Hypertension among Participants in the Jackson Heart Study and Multi-Ethnic Study of Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Abdelrahman Fouda, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Role of arginase 1 in retinal ischemia-reperfusion injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Ravinder Reddy Gaddam, BSC, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Gut-microbiota regulated vascular microRNA-204 promotes endothelial dysfunction in diabetes. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Marcin Gamdzysk, PhD, MSc**

**Program Type:** Postdoctoral Fellowship **Institution:** Loma Linda University **City/State:** Loma Linda, CA **Project Title:** Role of PPAR beta/delta in attenuation of neuronal apoptosis via regulation of miR-17/TXNIP pathway in rat model of HIE **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Rituparna Ganguly, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Beckman Research Institute of City of Hope **City/State:** Duarte, CA **Project Title:** Role of lncRNA Snhg18 in diabetes-induced macrophage dysfunction and atherosclerosis **Award Start Date:** 1/1/2019 **Award End Date:** 3/31/2021 **Total Years:** 2 **Total Award Amount:** \$106,532

**Sen Gao, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Somatic Mosaicism in Cerebral Arteriovenous Malformations **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Ryan Gardner, BA, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Sympathetic reinnervation after myocardial infarction: changing cardiac inflammation and remodeling **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Alexandra Garvin, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Arizona, Phoenix **City/State:** Phoenix, AZ **Project Title:** Impact of Prior ACE inhibition on Fibroblast-Mediated Cardiac Inflammation and Remodeling Post-Myocardial Infarction **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Nafiisha Genet, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Connexin 43 regulates neurogenesis in the adult brain subventricular zone. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Rajani George, PhD, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Epigenetic Regulation of Hand1 During Heart Development **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Sharon George, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** George Washington University  
**City/State:** Washington, DC **Project Title:** Differential roles of p38 MAPK isoforms in  
Doxorubicin-induced cardiotoxicity **Award Start Date:** 1/1/2019 **Award End Date:**  
12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Arpan Ghosh, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard Medical School **City/State:**  
Boston, MA **Project Title:** Characterizing the roles of muscle-VEGF mediated organ  
communication in lipid metabolism **Award Start Date:** 7/1/2018 **Award End Date:**  
6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Ellen Gillis, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Augusta University **City/State:**  
Augusta, GA **Project Title:** Sex differences in renal Treg recruitment and maintenance in  
SHR **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award  
Amount:** \$106,532

**Kristofor Ginton, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Northwestern University, Chicago  
**City/State:** Chicago, IL **Project Title:** The causal role of Axl in the acceleration of cardiac  
allograft vasculopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total  
Years:** 2 **Total Award Amount:** \$104,060

**Lihu Gong, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern  
Medical Center **City/State:** Dallas, TX **Project Title:** Molecular Interplay of Polycomb  
Repressive Complex 2, DNA Methyltransferases and Long Non-Coding RNAs **Award  
Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:**  
\$106,532

**Tomas Gonzalez Fernandez, PhD, BSC, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Davis  
**City/State:** Davis, CA **Project Title:** Coupling Innervation and Vascularization in a 3D  
Printed Electroconductive Construct for the Healing of Diabetic Wounds **Award Start  
Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:**  
\$104,060



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**Barbara Gonzalez Teran, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Gladstone Institute, San Francisco  
**City/State:** San Francisco, CA **Project Title:** Nuclear pore interaction with cardiac  
transcription factors during cardiomyocyte differentiation **Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Bryan Good, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Pennsylvania State University,  
University Park **City/State:** University Park, PA **Project Title:** Modeling of Acute Ischemic  
Stroke for Improving Mechanical Thrombectomy **Award Start Date:** 1/1/2019 **Award End  
Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Brian Griffiths, BA, MA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of  
Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Role of microRNA-338 in  
hippocampal injury following global cerebral ischemia **Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Steven Grover, BSC, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Carolina,  
Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Determining the mechanisms by  
which PAR1 enhances doxorubicin-induced cardiac injury **Award Start Date:** 1/1/2019  
**Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Xiaowu Gu, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern  
Medical Center **City/State:** Dallas, TX **Project Title:** Netrin-1 in nephro-vascular niche  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award  
Amount:** \$110,456

**Maria Clara Guida, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Sanford Burnham Prebys Medical  
Discovery Institute, La Jolla **City/State:** La Jolla, CA **Project Title:** 'Heart-breaking'  
parental nutritional habits: epigenetic mechanisms underlying inherited lipotoxic  
cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2  
**Total Award Amount:** \$106,532



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**Yuxuan Guo, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital  
**City/State:** Boston, MA **Project Title:** Determine the role of serum response factor signaling in cardiomyocyte maturation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Suman Gurung, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** The role of Collagen COL22A1 in vascular stability and intracranial berry aneurysms **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Stefan Haemmig, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Role of the lncRNA SNHG12 in atherosclerosis and DNA damage response **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Shanna Hamilton, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Rhode Island Hospital **City/State:** Providence, RI **Project Title:** A novel strategy to treat malignant arrhythmia in cardiac and metabolic disease using CRISPR/Cpf1 genome editing **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Jaeil Han, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Identification of regulators and therapeutic targets for myotonic dystrophy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Lei Han, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** A Novel Human lncRNA PG1 Determines Mesoderm Specification via Interacting with PRC1 Complex **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Xu Han, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Targeting Pleckstrin-2 for the treatment of myeloproliferative neoplasms **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Young-Min Han, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Georgia State University **City/State:** Atlanta, GA **Project Title:** Ketogenic-diet potently inhibits abdominal aortic aneurism formation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Hoda Hatoum, BS, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Superhydrophobic leaflets with vortex generators to reduce turbulence in prosthetic heart valves **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Laura Healy, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Scripps Research Institute **City/State:** La Jolla, CA **Project Title:** APC-mediated inhibition of Inflammasome activation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Timothy Heden, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Role of glycophyagy in exercise induced improvements in skeletal muscle insulin sensitivity **Award Start Date:** 1/1/2019 **Award End Date:** 1/31/2021 **Total Years:** 2 **Total Award Amount:** \$114,368

**Yoriko Heianza, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Tulane University, New Orleans **City/State:** New Orleans, LA **Project Title:** Atherogenic Lipoproteins and Cardiovascular risk: Exploring the Roles of Metabolomic and Lipidomic Markers **Award Start Date:** 1/1/2019 **Award End Date:** 2/28/2021 **Total Years:** 2 **Total Award Amount:** \$114,368

**Alexander Herman, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Elucidating the role of KRAS signaling in the pathogenesis of brain arteriovenous malformations **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Franziska Heydenreich, DSc, MSc, BSc**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** The role of beta-adrenergic receptor dynamics in signaling **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Michinari Hieda, MD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Maximizing Functional Capacity of LVAD Patients: Pump-speed Optimization using Exercise to Avoid Left-Right Mismatch **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Lauren Higdon, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Functional consequences of antigen specificity in CMV-responsive T cells **Award Start Date:** 7/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

**Yen Chun Ho, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Oklahoma Medical Research Foundation **City/State:** Oklahoma City, OK **Project Title:** GATA2 regulates miR-126 in the lymphatic vasculature **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Brett Hoffman, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** The Role of a Gammaherpesvirus Noncoding RNA in Dissemination, Chronic Infection and Virus-Induced Vasculitis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Kwangseok Hong, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Obesity-induced impairment of endothelial TRPV4 channel function **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Sungha Hong, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** The Role of Endothelial TRPV1 in Blood Flow Restoration Following Stroke **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456





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**Luis Hortells, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Postnatal regulation of extracellular matrix and cardiomyocyte cell proliferation by Postn+ cardiac fibroblasts. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Mir Hossain, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Characterization of master regulators of adult erythropoiesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Panpan Hou, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Washington University **City/State:** Saint Louis, MO **Project Title:** The AO state of KCNQ1 potassium channel can be a new anti-arrhythmic drug target **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Daniel Howsmon, BS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas at Austin **City/State:** Austin, TX **Project Title:** Elucidating the Dynamics of Valve Interstitial Cells in Health and Disease: A Mathematical Modeling Approach **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Chao Huang, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Towards Detection of Atrial Fibrosis with Catheterized Fiber-optics Confocal Microscopy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Chenyu Huang, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University **City/State:** Baltimore, MD **Project Title:** Biomechanical Properties of Human Induced Pluripotent Stem Cell-Derived 3D Cardiac Microtissues **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Jiansheng Huang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** Role of MDA-HDL in atherosclerosis and effects of scavenging reactive aldehydes on HDL function and atherosclerosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Jijun Huang, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Mechanism in lncRNA mediated epigenetic check-point regulation in cardiac hypertrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Claudio Humeres, BS, PharmD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Albert Einstein College of Medicine **City/State:** Bronx, NY **Project Title:** Cell-specific effects of Smad7 in repair and remodeling of the infarcted heart **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Norihiro Imai, MD PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Weill Medical College of Cornell University **City/State:** New York, NY **Project Title:** Muscle-specific metabolic regulation by thioesterase superfamily member 2 (Them2) **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Harini Iyer, PhD, MSc, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Environmental stress and the role of lysosomes in myelination **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Kavita Iyer, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Virginia Commonwealth University, Richmond **City/State:** Richmond, VA **Project Title:** Cryo EM and pharmacological study of hyperphosphorylated cardiac RyR **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Avinash Jaiganesh, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Northwestern University, Chicago  
**City/State:** Chicago, IL **Project Title:** AKAP-mediated desmoplakin modification: impact on cardiac desmosomes and hypertrophic signaling. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Rafael Jaimes, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Children's Research Institute, Washington, DC **City/State:** Washington, DC **Project Title:** Stimulating Stunned Metabolism following Cardiopulmonary Bypass **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Pattana Jaroenlak, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** New York University School of Medicine **City/State:** New York, NY **Project Title:** Ultrastructure and mechanism of the harpoon-like invasion machinery in microsporidian parasites **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Ankita Bachhawat Jaykumar, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** The role of WNK1/OSR1 in endothelial cell migration and angiogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Xiaoyan Jiang, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Therapies to enhance DNA repair and long-term outcomes in a mouse cerebral ischemia model **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Eric Jimenez-Vazquez, PhD, MSc, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Arrhythmogenic Mechanisms in hiPSC-CMs derived from patients with Duchene Muscular Dystrophy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Liliang Jin, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Louisiana State University, Baton Rouge **City/State:** Baton Rouge, LA **Project Title:** NLRP6 in Bacterial Pneumonia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Meiyan Jin, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Berkeley  
**City/State:** Berkeley, CA **Project Title:** Regulation of Cell-cell Junctions by Clathrin-mediated Endocytosis in Human iPS Cells and Cardiomyocytes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Granton Jindal, BS, MA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego  
**City/State:** La Jolla, CA **Project Title:** Elucidating regulatory principles governing heart development **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Megan Jones, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Research Foundation of SUNY  
**City/State:** Amherst, NY **Project Title:** Modulation of Aortic Endothelial Cell Signaling and Function by Oral Bacteria **Award Start Date:** 1/1/2019 **Award End Date:** 1/31/2021 **Total Years:** 2 **Total Award Amount:** \$110,456

**Roslin Joseph Thoppil, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University **City/State:** Nashville, TN **Project Title:** A novel mechanism underlying microtubule organization and function in endothelial cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Jihye Jung, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Cardioprotective Exosomal microRNA 106a-363 Cluster repairs Injured Myocardium **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Inamul Kabir, BSC, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Integrin-CD36 axis in smooth muscle cell fate and clonality in atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Jolaade Kalinowski, EdD**

**Program Type:** Postdoctoral Fellowship **Institution:** New York University School of Medicine **City/State:** New York, NY **Project Title:** Stress Management for Black Women with High Blood Pressure: Evaluating Effects of Mindfulness Training on CVD Risk **Award Start Date:** 1/1/2019 **Award End Date:** 6/30/2021 **Total Years:** 2 **Total Award Amount:** \$106,532

**Pradip Kamat, PhD, MSc, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Is carbon monoxide sufficient to reduce delayed cerebral ischemia and provide neuroprotection after SAH? **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Takuya Kaneko, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Fred Hutchinson Cancer Research Center, Seattle **City/State:** Seattle, WA **Project Title:** Topographic Separation of Sensory-Motor Reflex Circuits in the Zebrafish Vagus System **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Helena Kenny, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Inducible Deletion of OPA1 Causes Mitochondrial Fragmentation, ER stress and Cardiac Dysfunction **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Debjit Khan, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Elucidation of mechanisms directing rear localization of mRNAs in migrating endothelial cells **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Muhammad Khan, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Prediction of Post-Operative Atrial fibrillation in Cardiac Surgery Patients **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Raju Khatri, MSc, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** PREDICTING MATERNAL CHANGES IN ANTIHYPERTENSIVE DRUG METABOLISM AND EXPOSURE DURING PREGNANCY **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Diana Kim, BS, MHSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Northeastern University, Boston **City/State:** Boston, MA **Project Title:** Endothelial Sox17 mediates smooth muscle phenotype and arterial remodeling **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Nam Kyun Kim, BS, MD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Long-term ventricular pacing by EMT inhibition of Tbx18-induced pacemaker cells in a rat model of complete AV block **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

**Taishi Kimura, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Scripps Research Institute **City/State:** La Jolla, CA **Project Title:** Pathogenic role of the RNA sensing pathways in viral myocarditis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Peter Kip, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Vasculoprotective Mechanisms of Endogenous Hydrogen Sulfide in Vein Grafts **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Walter Knight, BA, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Regulation of signaling in hypertrophic cardiomyopathy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Daniel Kober, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Structural and biophysical investigation of Scap-SREBP activation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Anita Kovacs-Kasa, PhD, MSc**

**Program Type:** Postdoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** HDAC7 in MLCP-mediated endothelial barrier preservation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Maria Kraemer, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Regulation and Function of Lipoprotein Associated Bioactive Lysophospholipid Mediators of Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Paulette Krishack, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** Type 2 Innate Inflammatory Response Protects Staphylococcus Aureus Induced Sepsis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Shruthi Krishnamurthy, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Identification and characterization of Toxoplasma genes that determine fitness in interferon gamma-stimulated human cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Georg Kuenze, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University **City/State:** Nashville, TN **Project Title:** Computer Modeling of the Potassium Channel KCNQ1 to Study Protein Function and the Role of Mutations in Heart Arrhythmia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Chaitanya Kulkarni, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Role of acidosis in PARP-1 inhibition mediated cardioprotection. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Varun Kumar, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The Schepens Eye Research Institute, Harvard Medical School, Boston **City/State:** Boston, MA **Project Title:** Glia ER stress in Pathophysiology and Treatment of Diabetes and Ischemic Optic Neuropathy. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Nabanita Kundu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** George Washington University **City/State:** Washington, DC **Project Title:** Modified endothelial progenitor cells help to treat diabetic kidney disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Yu-Ting Kuo, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Investigation of Chaperone-dependent Regulation of Sphingosine-1-Phosphate Functions **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Mehmet Kural, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Nitric oxide- and Fas ligand- eluting stents **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Jakub Kwiecinski, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Regulation of bacterial adhesion in Staphylococcus aureus endovascular infections **Award Start Date:** 7/1/2017 **Award End Date:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456





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**Sarah Kwon, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Institute for Systems Biology  
**City/State:** Seattle, WA **Project Title:** Elucidating Liver X Receptor Protein Interaction  
Network in Response to Sterol-Inflammatory Crosstalk in Macrophages **Award Start  
Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:**  
\$104,060

**Ioannis Kyriazis, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Temple University **City/State:**  
Philadelphia, PA **Project Title:** Role of KLF5 and mitochondrial calcium in cardiac aging  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award  
Amount:** \$114,368

**Sabrina La Salvia, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville  
**City/State:** Charlottesville, VA **Project Title:** Subtypes of Leukocyte derived Extracellular  
Vesicles in Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total  
Years:** 2 **Total Award Amount:** \$103,328

**Satadru Lahiri, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Baylor College of Medicine,  
Houston **City/State:** Houston, TX **Project Title:** ROLE OF A NOVEL CALPAIN-MEDIATED  
REGULATION OF JUNCTOPHILIN-2 (JPH2) IN HEART FAILURE **Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Julio Lamprea-Montealegre, MD, MPH, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Washington, Seattle  
**City/State:** Seattle, WA **Project Title:** The dyslipidemia of ESRD: role of triglyceride rich-  
lipoproteins and association with cardiovascular events. **Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$122,960

**Vladimir Lazetic, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego  
**City/State:** La Jolla, CA **Project Title:** The Intracellular Pathogen Response - a novel  
proteostasis regulatory pathway **Award Start Date:** 1/1/2019 **Award End Date:**  
12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Thomas Lechuga, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Irvine  
**City/State:** Irvine, CA **Project Title:** Estrogens and Endothelial Hydrogen Sulfide  
Biosynthesis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2  
**Total Award Amount:** \$110,456

**Juneyoung Lee, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health  
Science Center at Houston **City/State:** Houston, TX **Project Title:** Mucin as a sentinel for  
the brain-gut axis following stroke **Award Start Date:** 1/1/2019 **Award End Date:**  
12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Rebecca Lee, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard School of Public Health  
**City/State:** Boston, MA **Project Title:** Investigating Plasmodium reticulocyte invasion as  
a route to elevating the spread of malaria **Award Start Date:** 1/1/2019 **Award End Date:**  
12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Seung Yup Lee, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA **Project Title:** Optical Measurements of Microvascular Cerebral  
Blood Flow in Children with Sickle Cell Disease **Award Start Date:** 1/1/2019 **Award End  
Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Sungwoon Lee, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New  
Haven, CT **Project Title:** The novel role of ALK1 in lipid uptake and atherosclerosis **Award  
Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:**  
\$104,060

**Yang Lee, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital  
**City/State:** Boston, MA **Project Title:** A novel role of Foxc2 in adult lymphatic function in  
obesity **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total  
Award Amount:** \$103,328

**Guoping Li, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Massachusetts General Hospital  
**City/State:** Boston, MA **Project Title:** The role and regulation of tRNA-derived fragments  
in myocardial ischemia/reperfusion injury **Award Start Date:** 1/1/2019 **Award End Date:**  
12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Jingxian Li, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** Latrophilins and Teneurins: Structure and Function in Heart Development **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Shuo Li, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Hepsin deficiency reprograms liver glucose and lipid metabolism and protects mice against obesity and diabetes **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Yao Li, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Nox in Aging-Augmented Vascular Endothelial Senescence and Dysfunction **Award Start Date:** 7/1/2017 **Award End Date:** 9/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

**Andrew Libby, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Georgetown University **City/State:** Washington, DC **Project Title:** Investigating the Role of Estrogen-Related Receptor Alpha in Mediating Progressive Diabetic Nephropathy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Mauricio Alejandro Lillo Gallardo, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** S-nitrosylation of connexin 43 underlies cardiac arrhythmias in muscular dystrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Chun-Yan Lim, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Cholesterol transfer at inter-organelle contact sites regulates mTORC1 signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Amanda Lin, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** The Role of dPKC Phosphorylation of Troponin I in Cardiac Reperfusion Injury **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Yun Lin, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Davis  
**City/State:** Davis, CA **Project Title:** Vascular Changes in Aging and Blood-Brain Barrier  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Shijie Liu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Texas Heart Institute **City/State:** Houston, TX  
**Project Title:** Wntless inhibits cardiac fibrosis by regulating Wnt secretion from cardiomyocytes during heart regeneration  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Xin Liu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center  
**City/State:** Dallas, TX **Project Title:** Functional and Molecular Analysis of Cardiac Enhancers In Situ by Repurposed CRISPR/Cas9  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Yanxin Liu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco  
**City/State:** San Francisco, CA **Project Title:** Dissecting the molecular mechanism of Hsp90 chaperone machinery in cardiac disease by cryo-electron microscopy  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Zhiping Liu, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA  
**Project Title:** The role of macrophage PFKFB3 in retinal angiogenesis  
**Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Nanbing Li-Villarreal, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Baylor College of Medicine, Houston  
**City/State:** Houston, TX **Project Title:** Ascc2 as a novel regulator of cardiac specification and migration  
**Award Start Date:** 7/1/2018 **Award End Date:** 7/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Sizhao Lu, PhD, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver  
**City/State:** Denver, CO **Project Title:** The protective role of PTEN against pathological vascular fibrosis and remodeling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Xiaohan Lu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Duke University Medical Center  
**City/State:** Durham, NC **Project Title:** Dendritic cells activate pro-hypertensive T cells to drive sodium reabsorption in kidney **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Guangming Luo, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Roles of PIKfyve and phosphoinositide lipids in cell migration: implications for heart development **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Jiesi Luo, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Xenogeneic-free readily available tissue engineered blood vessel from human induced pluripotent stem cells **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Ning Ma, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University, Stanford  
**City/State:** Stanford, CA **Project Title:** Determining the Pathogenicity of HCM-Associated VUS Using CRISPR/Cas9 and iPSCs **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Tara Macdonald, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Joslin Diabetes Center **City/State:** Boston, MA **Project Title:** Hyperglycemia-induced tissue glycation as a novel therapeutic target to treat low cardiorespiratory fitness and prevent **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Kathleen Maheras, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Mitochondrial vitality in oligodendrocytes impacts neuronal survival after cardiac arrest **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Priyanka Maiti, BSE, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Miami, Miami  
**City/State:** Coral Gables, FL **Project Title:** Elucidating the role of GTPases OBGH1/2 in mammalian mitoribosome assembly **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Michael Maniskas, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Peripheral mechanism contributing to cerebral amyloid angiopathy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Bhanu Manne, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Mnk1 regulates megakaryocyte and platelet function **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Alejandro Martin Trujillo, BScN, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Epigenetic defects in congenital heart defects **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Diana Martinez, BA, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Role of glial transporters in Neurophysiology in Hypoxia **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Zila Martinez-Lozada, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The Children's Hospital of Philadelphia **City/State:** Philadelphia, PA **Project Title:** Regulation of astrocytic glutamate transporter 1 (GLT-1) expression through Notch signaling, a novel role of endothelia **Award Start Date:** 7/1/2017 **Award End Date:** 8/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Romila Mascarenhas, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Cytosolic vitamin B12 trafficking and disease **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Ivy Mason, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Role of Dietary Habits in Weight Loss Efficacy after Bariatric Surgery **Award Start Date:** 1/1/2019 **Award End Date:** 3/31/2021 **Total Years:** 2 **Total Award Amount:** \$110,456

**Cam Mccarthy, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Toledo Health Science Campus **City/State:** Toledo, OH **Project Title:** Decreased autophagy leads to proteotoxicity and senescence in hypertension-associated premature vascular aging **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Conor Mcclenaghan, BSC, DPhil**

**Program Type:** Postdoctoral Fellowship **Institution:** Washington University **City/State:** Saint Louis, MO **Project Title:** KATP Channel Dysfunction in Cantu Syndrome and Cardiovascular Disease **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Michael Mckenna, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard Medical School **City/State:** Boston, MA **Project Title:** Mechanistic insights into mitochondrial tail-anchored protein insertion **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Jared Mclendon, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Regulation of Cardiac Signalling by Beta-Taxilin **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Anurag Mehta, MBBS**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA **Project Title:** IMPACT OF HOME-BASED EXERCISE ON METABOLOMICS AND PROGENITOR CELLS IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2019 **Total Years:** 1 **Total Award Amount:** \$54,316

**Joseph Merriman, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** Pathogenic equilibrium: Mixed acid fermentation controls growth/damage balance. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Ana Mesquita, PhD, MSc, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** Albert Einstein College of Medicine **City/State:** Bronx, NY **Project Title:** Regulation of endosomal Microautophagy by cellular stress. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Sanjeeva Metikala, PhD, ME**

**Program Type:** Postdoctoral Fellowship **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Characterization of a novel vascular endothelial progenitor site **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Lianjie Miao, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Albany Medical College **City/State:** Albany, NY **Project Title:** Mechanisms of CDC42 mediated trabecular initiation and cardiomyocyte proliferation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Amanda Miller, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Pennsylvania State University, Hershey **City/State:** Hershey, PA **Project Title:** Cardiovascular Effects of Angiotensin-(1-7) in Obesity Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328





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**Panagiotis Mistriotis, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University  
**City/State:** Baltimore, MD **Project Title:** Effect of compressive forces on vascular cell migration **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Leila Mohammadi, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Relative endothelial toxicity of tobacco smoke and e-cigarette aerosol: a functional and mechanistic assessment. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$118,628

**Bassem Mohammed, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** A Non-Circulating Pool of Coagulation Factor XI in the Cardiovascular System **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Alan Mouton, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** Metabolic Dysfunction and Hypertension Effects on Post-MI Macrophage Physiology **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Jahnvi Mudigonda, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** A novel tissue-polymer combination approach for durable regenerative tissues for congenital heart surgery **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Risa Mukai, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Increasing the level of arginine methylation correlates with ischemia-induced autophagy in the heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Rajib Mukherjee, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Novel mechanisms in the regulation of brown fat mediated cardiovascular disease protection. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Debanjan Mukhopadhyay, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Modulation of the human immune response by the heart parasite *Toxoplasma gondii* **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Grace Muller, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Mechanisms and chronic efficacy of phosphodiesterase1 inhibition to enhance cardiac contractility **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Masanaga Muto, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Anti-coagulation factors and regulation of endovascular trophoblast and uterine spiral artery remodeling **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Komuraiah Myakala, PhD, MS, MSc, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** Georgetown University **City/State:** Washington, DC **Project Title:** Effects of mitochondrial SIRT3 in treatment of diabetic nephropathy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Gihoon Nah, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** The dichotomous function of FoxO1 during prolonged ischemia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Drew Nassal, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Mechanisms of BIV-Spectrin Degradation and its Role in Myocardial Infarction Remodeling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Vaishaali Natarajan, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Gladstone Institute, San Francisco  
**City/State:** San Francisco, CA **Project Title:** Rejuvenating Aged Hematopoietic Stem Cells with Pluripotent Stem Cell-Secretome **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Crystal Naudin, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA **Project Title:** Beneficial bacteria enhance cardiovascular health by modulating inflammation and Nrf2 pathway signaling **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Manasa Nayak, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Iowa, Iowa City  
**City/State:** Iowa City, IA **Project Title:** Role of aerobic glycolysis in platelet function and thrombosis **Award Start Date:** 1/1/2019 **Award End Date:** 6/30/2021 **Total Years:** 2 **Total Award Amount:** \$110,456

**Hooi Hooi Ng, BSC, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Florida International University, Miami  
**City/State:** Miami, FL **Project Title:** Targeting relaxin receptor for the treatment of diabetes-induced cardiovascular calcification. **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Ngoc Uyen Nhi Nguyen, PhD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center  
**City/State:** Dallas, TX **Project Title:** The role of calcineurin in cell cycle arrest of postnatal cardiomyocytes **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Chiara Nicoletti, BSC, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla  
**City/State:** La Jolla, CA **Project Title:** Identification and functional characterization of pathogenic SNPs for muscle-driven cardiovascular disorders **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328



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**Hiroko Nomaru, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Albert Einstein College of Medicine  
**City/State:** Bronx, NY **Project Title:** Analysis of Tbx1 function in second heart field cell lineage, which contribute to 22q11.2 deletion syndrome **Award Start Date:** 1/1/2019  
**Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Eva Nyvltova, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Miami, Miami  
**City/State:** Coral Gables, FL **Project Title:** Role of the cardiomyopathy protein PET191 in cytochrome c oxidase assembly **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Myung-Jin Oh, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** Spatial inhibition of Disturbed Flow induced miR-92a and endothelial glycolysis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**David Ohayon, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Hypersensitivity of natural killer cells in asthma **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Suellen Darc Oliveira, PhD, MSc**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Illinois at Chicago  
**City/State:** Chicago, IL **Project Title:** Role of Caveolin-1 Depletion in TGF- induced Endothelial-to-mesenchymal Transition and Pulmonary Arterial Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Marco Orecchioni, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** La Jolla Institute for Allergy and Immunology **City/State:** San Diego, CA **Project Title:** OLFs in vascular macrophages: a new connection between microbial metabolites and atherosclerosis progression **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Islam Osman, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** The role of TEA Domain Transcription Factor 1 in Vascular Smooth Muscle Cell proliferation and Neointima Formation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Yoshimasa Oyama, MD, MD PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Angiopoetin-like 4 as a cardioprotective target in light-elicited circadian PER2 amplitude enhancement **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Lindsey Padgett, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** La Jolla Institute for Allergy and Immunology **City/State:** San Diego, CA **Project Title:** Exploring a Novel CD8 T cell Subset in Cardiovascular Disease Progression **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Huize Pan, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Columbia University, New York **City/State:** New York, NY **Project Title:** Human VSMC mechanisms of action of ADAMTS7 locus for CAD **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Namuna Panday, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Unraveling the functional role of the Na-dependent inactivation in the cardiac Na-Ca exchanger **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Gaspard Pardon, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Outside-in and Inside-out mechanosignaling in cardiomyopathy onset and progression **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Felipe Paredes, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Poldip2 links mitochondria to cardiac fibrosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Evan Pasha, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** The Impact of High Intensity Interval Training on Midlife Neuroplasticity and Vascular Function **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Farhad Pashakhanloo, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Beth Israel Deaconess Medical Center **City/State:** Boston, MA **Project Title:** High-resolution imaging and modeling approaches to study infarct-related arrhythmias **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Alexander Patananan, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Exogenous mtDNA integration in cardiomyocytes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Trayambak Pathak, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Pennsylvania State University, Hershey **City/State:** Hershey, PA **Project Title:** Orai3 Ca<sup>2+</sup> channels in mitochondrial metabolism and Obesity **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Laura Payne, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Virginia Polytechnic Institute **City/State:** Blacksburg, VA **Project Title:** Pericyte cooperation in vessel formation by VEGF-A-regulated production of collagen-III and -IV by endothelial cells **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Dieniffer Peixoto-Neves, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Tennessee Health Science Center Memphis **City/State:** Memphis, TN **Project Title:** Neonatal renal vasoregulation by voltage-gated potassium channels **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Jun Peng, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Endothelial Regulation of Insulin Sensitivity **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Isaac Perea Gil, BSC, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Deciphering Genotype-Phenotype Association in Hypertrophic Cardiomyopathy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Timothy Perkins, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** The receptor for advanced glycation endproducts in IL-13 mediated asthma and allergic airway inflammation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Colin Peters, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Using dynamic clamp to determine ionic currents responsible for slowed cardiac pacemaking with age **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Erica Peters, PhD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Targeted, Niche-Responsive Peptide Amphiphile Nanofibers as Injectable Drug Delivery Vehicles to Treat Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 9/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Amelie Pinard, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Identification and Characterization of Novel Genes for Moyamoya Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Ashlee Plummer, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard Medical School **City/State:** Boston, MA **Project Title:** Elucidation of the Mechanism for Cholesterol Transport by ABCA1 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Shivaram Poigai Arunachalam, BSE, BS, MS, MPH**

**Program Type:** Postdoctoral Fellowship **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Cardiac Magnetic Resonance Elastography to Monitor Anti-Inflammatory Therapy After Acute Myocardial Infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Guanming Qi, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Tufts Medical Center **City/State:** Boston, MA **Project Title:** The Role of Macrophage Mineralocorticoid Receptor on Pulmonary Hypertension **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

**Jiang Qian, PhD, MS, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Southern California **City/State:** Los Angeles, CA **Project Title:** PRMT1 in cardiac fibroblast fate conversion and chronic injury-induced ventricular remodeling and dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$118,628

**Tongran Qin, PhD, BA**

**Program Type:** Postdoctoral Fellowship **Institution:** Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Comparative quantification of functional mitral regurgitation using FSI modeling, simulated and actual echocardiography **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Alice Racca, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Massachusetts, Lowell **City/State:** Lowell, MA **Project Title:** Innovative in vitro integrated approach to measuring confound factors of inherited heart disease diagnosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532





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**Sujith Rajan, PhD, MSc, BSC**

**Program Type:** Postdoctoral Fellowship **Institution:** NYU Winthrop Hospital **City/State:** Mineola, NY **Project Title:** Role Of Microsomal Triglyceride Transfer Protein In Adipose Tissue **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Iyappan Ramachandiran, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** iNOS-S100A8/A9 nitrosylase mediated S-nitrosylation of LTA4H and its pro-inflammatory influence on myeloid cells **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Xavier Rambout, MSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** PGC-1 $\alpha$  couples transcriptional and co/post-transcriptional responses to hypoxia and promotes migration of VSMCs **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Ashish Rehni, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** ER stress mediates recurrent hypoglycemia-induced increase in ischemic brain damage in diabetic rats **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**James Reinhardt, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Nationwide Children's Hospital **City/State:** Columbus, OH **Project Title:** Platelet Aggregation in Tissue Engineered Vascular Grafts: Mechanism and Contribution to Inflammation-Driven Stenosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Megan Rexus, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Southern California **City/State:** Los Angeles, CA **Project Title:** Engineering a Myocardial Infarct "Border Zone on a Chip" for Studying Intercellular Communication **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Christopher Riley, BS, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Dana-Farber Cancer Institute, Boston **City/State:** Boston, MA **Project Title:** Physiological and biochemical characterization of Slit2 as mediator of adipose tissue derived thermogenesis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Austin Robinson, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Delaware **City/State:** Newark, DE **Project Title:** The Influence of Peak Oxygen Consumption and Physical Activity on the Neurovascular Actions of Dietary Salt **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Oren Rom, BSC, RD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Glycine and its biosynthetic pathways as anti-atherogenic targets **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Simone Rossi, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Experimental and Computational Biomechanics of Ventricular Septation in the Chick Embryo **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Megan Rowton, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** A Hedgehog differentiation clock for atrial septation **Award Start Date:** 7/1/2017 **Award End Date:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

**Natalia Ruggeri Barbaro, BCH, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** The role of dendritic cells in salt-sensitive hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Dana Ruter, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** NOTCH1 and SMAD6 Regulatory Mechanisms Governing Flow-mediated Vascular Function **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Ariel Rydeen, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** Hedgehog-dependent repressive gene regulatory network in the control of cardiac differentiation **Award Start Date:** 7/1/2018 **Award End Date:** 12/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Fatima Zahra Saddouk, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Reversal of Vascular Remodeling in Pulmonary hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 12/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Suvrajit Saha, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Dissecting the mechanism of mechanotransduction via mTOR complex 2 during neutrophil chemotaxis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Ane Miren Salvador, PharmD, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Development of conditional-siRNA programmable riboswitch for targeting adverse cardiac remodeling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Dhritiman Samanta, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Elucidating the mechanisms behind *Coxiella burnetii* regulation of vesicular pH **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Raghavendar Reddy Sanganna Gari, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Weill Medical College of Cornell University **City/State:** New York, NY **Project Title:** Molecular level characterization of conformational changes in TRPV2 channel triggered by therapeutic agents and lipids **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Cosmo Saunders, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Determining the mechanism of leukotriene B4 release during neutrophil chemotaxis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Hisashi Sawada, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** The impact of smooth muscle cell embryonic origin on TGF - beta signaling during thoracic aortic aneurysm formation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$122,960

**Dwitiya Sawant, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Nationwide Children's Hospital **City/State:** Columbus, OH **Project Title:** Role of miR-145 in cardiac fibrosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Gabriele Schiattarella, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** A Novel XBP1s-FoxO1 Axis in Toxic Lipid Accumulation in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

**Philipp Schmidpeter, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Weill Medical College of Cornell University **City/State:** New York, NY **Project Title:** Molecular determinants of the modulation of HCN pacemaker channels by cAMP **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**William Schmidt, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Investigation of Actin Acetylation as a Modulator of Cardiac Muscle Performance **Award Start Date:** 7/1/2017 **Award End Date:** 8/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

**Rwik Sen, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Cardiac Neural Crest Development By Kabuki Syndrome Genes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Maria Serrano, PhD, MSc, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** The roles of Kmt2d in vasculogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Rahul Kumar Sevakula, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Application of Deep Learning on InPatient Telemetry Data for Prediction of Cardiac Arrhythmias **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Gaurav Sharma, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Assessing Hibernating Myocardium with Hyperpolarized <sup>13</sup>C MRI **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Monika Sharma, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** New York University School of Medicine **City/State:** New York, NY **Project Title:** Role of regulatory T cells in the atherosclerosis regression and inflammatory resolution **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Pankaj Sharma, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University **City/State:** Nashville, TN **Project Title:** Role of assembly factors in maturation of catalytic subunit of human respiratory complex II **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Thomas Sharp, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Louisiana State University, New Orleans **City/State:** New Orleans, LA **Project Title:** Combine Cell Therapy and Renal Denervation to Prevent Heart Failure after Myocardial Infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Kohei Shimaji, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Irvine **City/State:** Irvine, CA **Project Title:** Exploring the link between the circadian clock and metabolism in the heart **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Junchul Shin, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** PHD2-dependent regulation of physiological angiogenesis in skeletal muscle **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Bertrand Simon, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Investigation of the role of DNA-binding to the cerebral cavernous malformations protein KRIT1 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Uday Singh, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** The role of PVN MC4R circuits in obesity-associated hypertension **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Joshua Smith, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Respiratory Muscle-mediated Neural and Cardiovascular Consequences in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Daniel Soetkamp, PhD, MSc, BSc**

**Program Type:** Postdoctoral Fellowship **Institution:** Cedars-Sinai Medical Center **City/State:** Los Angeles, CA **Project Title:** Targeting PKC and Dmpk for reducing titin stiffness in heart failure with preserved ejection fraction. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Sumeet Solanki, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Role of Macrophage HIF2 alpha in inflammatory mechanisms of Atherosclerosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Erica Soltero, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Arizona State University, Tempe **City/State:** Tempe, AZ **Project Title:** Investigating Endothelial Microparticles as Early Markers of Vascular Disease in Obese Latino Youth with Prediabetes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Taejeong Song, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** Molecular mechanism of hypertrophic cardiomyopathy in populations of South Asian descendants **Award Start Date:** 1/1/2019 **Award End Date:** 6/30/2021 **Total Years:** 2 **Total Award Amount:** \$106,532

**Danesh Sopariwala, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Regulation of angiogenesis in exercise and diabetic muscle angiopathy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**George Souza, BS, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Regulation of sympathetic activity and blood pressure by C1 neurons during hemorrhage **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Glenn Stewart, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Unmasking right ventricular and pulmonary derangements with exercise and oxygen in early stage cardiopulmonary diseases **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Elizabeth Stroebele, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Precision Gene Expression Engineering in Human Cells **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Yujuan Su, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego  
**City/State:** La Jolla, CA **Project Title:** Mapping the Sensory Neurons that Control Lung Function  
**Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Savitha Subramaniam, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Illinois at Chicago  
**City/State:** Chicago, IL **Project Title:** Virtual reality-based dance training to increase motor control, cardiovascular fitness and cognition  
**Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Xuewu Sui, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard School of Public Health  
**City/State:** Boston, MA **Project Title:** Unraveling the structural and biochemical mechanisms for lipid droplet biogenesis  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Xiaoli Sun, PhD, MB**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego  
**City/State:** La Jolla, CA **Project Title:** Oxidized Phospholipid Induced Changes in Monocyte/Macrophage Biology Promote Atherogenesis  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Yizhi Sun, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Dana-Farber Cancer Institute, Boston  
**City/State:** Boston, MA **Project Title:** Functional and mechanistic studies of a mitochondrial phosphocreatine phosphatase in beige adipocytes  
**Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Christopher Sundberg, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Marquette University **City/State:** Milwaukee, WI  
**Project Title:** Mechanisms of fatigue in older adults: Role of vascular function and bioenergetics  
**Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Junji Suzuki, MD PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco  
**City/State:** San Francisco, CA **Project Title:** Mechanism of Oscillations of the Mitochondrial Membrane Potential  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532





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**Ondrej Svoboda, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego  
**City/State:** La Jolla, CA **Project Title:** The significance of Kit ligand signaling in vertebrate hematopoiesis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020  
**Total Years:** 2 **Total Award Amount:** \$110,456

**Constantin Takacs, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Genome organization and segregation in the spirochete bacterium *Borrelia burgdorferi*, the agent of Lyme carditis. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Shefali Talwar, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pennsylvania  
**City/State:** Philadelphia, PA **Project Title:** Mechanical Regulation of Phenotypic switching in Vascular smooth muscle cells. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Adam Tencer, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver  
**City/State:** Denver, CO **Project Title:** The molecular mechanism of the MORC ATPase activation. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Wei Ping Teoh, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Loyola University Chicago  
**City/State:** Chicago, IL **Project Title:** Deciphering the role of lipoic acid salvage enzyme LplA2-encoding locus in *Staphylococcus aureus* pathogenesis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Dhananjay Thakur, BSc, MSc, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Santa Barbara **City/State:** Santa Barbara, CA **Project Title:** A Sensitive, Non-Invasive System for Manipulation of Neuronal Activity **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Ramprasath Tharmarajan, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Georgia State University **City/State:** Atlanta, GA **Project Title:** Kynureninase inhibition ablates AngII-induced 3-Hydroxyanthranilic acid mediated abdominal aortic aneurysm formation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Linto Thomas, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** Role of intestinal NHE3 in phosphate homeostasis and blood pressure regulation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Jakub Toczek, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Molecular imaging of phagocytic activity in abdominal aortic aneurysm **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Maria Jose Torres Alcalde, PhD, BS, AS**

**Program Type:** Postdoctoral Fellowship **Institution:** Duke University Medical Center **City/State:** Durham, NC **Project Title:** Molecular mechanisms of Taxane-induced toxicities in cardiac and skeletal muscle **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Melanie Tran, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Connecticut, Storrs **City/State:** Storrs, CT **Project Title:** Regulation of microRNA on lipid and glucose homeostasis in fatty liver disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Eva Tsaousidou, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard School of Public Health **City/State:** Boston, MA **Project Title:** Metaflammation regulation by components of the small non-coding RNA processing machinery **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Prachi Umbarkar, BSC, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** Role of GSK-3-alpha in the regulation of myocardial fibrosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Frency Varghese, BSC, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Massachusetts Medical School **City/State:** Worcester, MA **Project Title:** Combination CaMKII $\alpha$  and Cx43 gene painting therapy: A Synergistic approach to treat AF and AF induced cardiac remodeling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Mitchell Vedepo, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Recruitment Recellularization of Chemokine Loaded Heart Valve Scaffolds **Award Start Date:** 1/1/2019 **Award End Date:** 4/30/2021 **Total Years:** 2 **Total Award Amount:** \$103,328

**Cecilia Vitali, PharmD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Mining the pleiotropic cardioprotective roles of Endothelial Lipase in the etiology of Metabolic Syndrome **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Maud Voisin, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** New York University School of Medicine **City/State:** New York, NY **Project Title:** LXR alpha phosphorylation regulates atherosclerosis and obesity **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Tobias Wagner, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Oxidative Stress Changes the Cardiac CTCF Network to Modulate SIRT1 Expression and Susceptibility to MI **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368



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**Jieru Wan, MD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Iron-dependent lipid peroxidation after intracerebral hemorrhage **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Cheng Wang, MD PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Georgia State University **City/State:** Atlanta, GA **Project Title:** The Role of FUNDC1 in Angiogenesis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Dennis Wang, PhD, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** Nicotinamide riboside supplementation to enhance myocardial mitochondrial function in heart failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

**Fei Wang, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Role of Site-1 Protease-Derived Soluble (Pro)Renin Receptor in Water Homeostasis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Hanjay Wang, MD, BA**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Identifying the mechanism and therapeutic potential of collateral artery formation in the ischemic heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Huan Wang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Molecular function of lipin 1 in pre-mRNA splicing **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Jinju Wang, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Wright State University, Dayton **City/State:** Dayton, OH **Project Title:** The regulatory effect of exercise on circulating EPC-EXs and its implication in ischemic stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Jue Wang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Tyler **City/State:** Tyler, TX **Project Title:** The influence of sphingomyelin metabolism on tissue factor-mediated coagulation and inflammation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Lei Wang, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Texas Health Science Center, Fort Worth **City/State:** Fort Worth, TX **Project Title:** Roles of the CRH-containing projections from the PVN to the NTS in the sleep apnea induced hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Lili Wang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** Arrhythmia mechanisms of HCM-linked Troponin T mutations in human iPSC-derived cardiomyocytes **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Qiurong Wang, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Wyoming **City/State:** Laramie, WY **Project Title:** Molecular mechanism of maternal obesity elevated cortisol induced term fetal cardiac dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Xinlong Wang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Northwestern University, Evanston **City/State:** Evanston, IL **Project Title:** Postinfarction treatment using multifunctional cardiac patch with cardiomyocytes derived from patient iPSCs **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Yan Wang, PhD, MSc, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Monitoring Intracranial Aneurysm Growth: Morphology and Biomechanics **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456



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**Yangmeng Wang, BA, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Beckman Research Institute of City of Hope **City/State:** Duarte, CA **Project Title:** The effect of CaMKII delta on adipose tissue lipolysis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Yi Wang, MB, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Functional role of LincRNA-p21 in cardiac hypertrophy and heart failure **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Ying Wang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** The role of CD47 in the accumulation of diseased smooth muscle cells in atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Daniel Weber, BSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Structural and functional role of phospholamban in dilated cardiomyopathy **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Ada Weinstock, BSc, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** New York University School of Medicine **City/State:** New York, NY **Project Title:** Regulation of atherosclerosis regression and macrophage polarization by a novel Wnt-STAT3 axis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Andy Weiss, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** Characterization of the host-pathogen interface during staphylococcal abscess formation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Jonathan Weitz, BS, MS, MBA**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** The Role of the Islet Resident Macrophage in Human Islet Function and Inflammation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328



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**Lai Wen, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** La Jolla Institute for Allergy and Immunology **City/State:** San Diego, CA **Project Title:** Kindlin-3 recruitment precedes high affinity integrin activation **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Jui-Hsia Weng, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Harvard Medical School **City/State:** Boston, MA **Project Title:** Novel Anti-Inflammatory Hepatokine for Cardiovascular Medicine **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Margeaux Wetendorf, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Assessing miRNA Regulation of Adrenomedullin Expression in Cigarette Smoke Driven Protection from Preeclampsia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Sarah Wicher, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Proteostasis and Senescence in Asthma and Aging **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Joseph Wider, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Neuronal cristae morphology: The effects of mitochondrial membrane potential and hyperpolarization **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Nadeeja Wijayatunga, PhD, MS, MBBS**

**Program Type:** Postdoctoral Fellowship **Institution:** Texas Tech University, Lubbock **City/State:** Lubbock, TX **Project Title:** Adiposity Awareness Study: A randomized controlled trial to increase physical activity in normal weight obesity **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Martin Willeminck, MD PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Improving Individual Risk Assessment in Patients with Aortic Dissection **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Julia Willett, BS, BS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** A putative phosphatase regulates surface attachment and biofilm formation in *Enterococcus faecalis* **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Jason Williams, BA, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Mechanisms of Accelerated Atherogenesis due to Clonal Hematopoiesis **Award Start Date:** 1/1/2019 **Award End Date:** 6/30/2021 **Total Years:** 2 **Total Award Amount:** \$106,532

**Andrew Wisneski, BS, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Improved Rupture Risk Assessment of Ascending Thoracic Aortic Aneurysms: Application of Patient-Specific Modeling and Bi **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Nathan Wlodarchak, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City/State:** Madison, WI **Project Title:** Improving kinase inhibitor specificity using a novel spectrometric method to assess local conformational dynamics **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Kel Vin Woo, MD PhD, BSE**

**Program Type:** Postdoctoral Fellowship **Institution:** Washington University **City/State:** Saint Louis, MO **Project Title:** Protective Role of Endothelial Fibroblast Growth Factor Signaling in Group 3 Hypoxia-Induced Pulmonary Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$122,960





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**Andrew Woodman, BSC, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Pennsylvania State University, University Park **City/State:** University Park, PA **Project Title:** Virus persistence and myocarditis: Dissecting the role of host and virus using a single-cell virology platform **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Celeste Yin-Chieh Wu, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Louisiana State University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** Neuropeptide Y-Mediated Neuroprotection **Award Start Date:** 1/1/2019 **Award End Date:** 6/30/2021 **Total Years:** 2 **Total Award Amount:** \$110,456

**Jiangbin Wu, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Cracking function and mechanism of EPRS as a therapeutic target for cardiac fibrosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Meng-Ling Wu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Oklahoma Medical Research Foundation **City/State:** Oklahoma City, OK **Project Title:** Combinatorial Roles for Chromatin Remodeling Enzymes in Hepatic and Pulmonary Vasculature **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Xu Xiao, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** New pathways for cellular cholesterol transport **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Chuanming Xu, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Utah **City/State:** Salt Lake City, UT **Project Title:** Role of the intrarenal RAAS in regulation of kaliuresis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532



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**Shiyue Xu, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** E2F1 mediated regulation of oxidative metabolism and endothelial differentiation of bone marrow progenitor cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Wenjing Xu, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** The Role of Small GTPase Rap1 in the Development and Regulation of Lymphatic Endothelial Junctions **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Xinxu Xu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Intrinsic cardiomyocyte defects in the pathogenesis of hypoplastic left heart syndrome **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Yunhui Xu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Marshall University Research Corporation, Huntington **City/State:** Huntington, WV **Project Title:** Biased ligands of Na/K-ATPase signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Pradeep Yadav, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** NYU Winthrop Hospital **City/State:** Mineola, NY **Project Title:** MicroRNA-30c analogs for the treatment of hyperlipidemia and atherosclerosis **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Ruorong Yan, PhD, BA**

**Program Type:** Postdoctoral Fellowship **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** Modulation of heart regeneration by enhancer-delivered factors **Award Start Date:** 7/1/2017 **Award End Date:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Zhen Yan, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Princeton University **City/State:** Princeton, NJ **Project Title:** Structural study of Cav1.2 and RyR2 **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Huaxiao Yang, PhD, MS, BS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Interrogating the Cardiovascular Toxicity of Volatile Organic Compounds from E-Cigarettes in hiPSC-derived Organoid **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Ting Yao, PhD, MS, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** The role of IRF4 in muscle metabolism **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

**Alberta Yen, BA, MD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Using UK Biobank to Identify Factors Associated with Cardiovascular Disease Burden in Cancer Patients **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$125,120

**Jeungki Yoo, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Influence of early menopause on sympathetic activation and cardiovascular function in older women **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Dongjoo You, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** The role of adipose Tet1 as an epigenetic regulator of adaptive thermogenesis and whole body metabolism **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Liming Yu, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville  
**City/State:** Charlottesville, VA **Project Title:** Oct4 dependent expression of the adiponectin receptor T-cadherin promotes SMC investment into atherosclerotic lesions  
**Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Qianying Yuan, PhD, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT  
**Project Title:** Increased Reactive Oxygen Specie Production from Neutrophils by MAP3K2 and 3 Inhibition Protects ALI and CVDs **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Shuai Yuan, MB, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA  
**Project Title:** Regulation of Cytochrome b5 Reductase on angiogenesis and lipid metabolism **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Kanako Yuki, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Wnt signaling regulation in the blood-brain barrier and therapeutic applications **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

**Xin Yun, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Aquaporin 1-mediated resistance to apoptosis during pulmonary hypertension. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Amanda Zaleski, PhD, MS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Connecticut, Storrs **City/State:** Storrs, CT **Project Title:** Muscle-Specific MicroRNAs as a Novel Biomarker to Predict Statin-Associated Muscle Damage **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2019 **Total Years:** 1 **Total Award Amount:** \$51,484



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**Maedeh Zamani, BS, MS, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Stiffness Modulates Endothelial-to-Mesenchymal Transition in Stenotic Vascular Grafts **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Daniela Zanetti, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** The role of kidney function in cardiovascular disease: a UK Biobank study **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Hoda Zarkoob, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Cardiomyocyte Mechanotransduction through Desmoplakin/RhoGEF Ect2 Interaction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Jing Zhang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Novel Therapeutics to Restore Cardiac Physiology and Circumvent Sudden Death in Arrhythmogenic Heart Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

**Ruihui Zhang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Mechanistic study of a novel actin-bundling function of dynamin in myoblast fusion **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

**Tracyyuanfan Zhang, PhD, MSE**

**Program Type:** Postdoctoral Fellowship **Institution:** Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Jagged1 as therapeutic target for cardiomyopathy in Duchenne muscular dystrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

**Xian Zhang, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Role of subcutaneous fat mast cells in adipose tissue thermogenesis and systemic energy expenditure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060



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**Zhi Zhang, BSE, MSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles  
**City/State:** Los Angeles, CA **Project Title:** An estrogen related hypothalamic circuit controls obesity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2  
**Total Award Amount:** \$104,060

**Jianhua Zhao, BSc, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco  
**City/State:** San Francisco, CA **Project Title:** Molecular mechanism of TRPA1 activation and gating **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2  
**Total Award Amount:** \$106,532

**Liang Zheng, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Alabama at Birmingham  
**City/State:** Birmingham, AL **Project Title:** A Novel Zebrafish Model of Thrombotic Thrombocytopenic Purpura **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2  
**Total Award Amount:** \$114,368

**Bo Zhou, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Washington, Seattle  
**City/State:** Seattle, WA **Project Title:** A novel mitochondrial mechanism for increased glycolysis in heart with pathological hypertrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2  
**Total Award Amount:** \$110,456

**Junyi Zhu, PhD, MSc, BS**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, Los Angeles  
**City/State:** Los Angeles, CA **Project Title:** Rescue of heart pathology caused by deleterious mitochondrial DNA mutations **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2  
**Total Award Amount:** \$110,456

**Lin Zhu, PhD, MA**

**Program Type:** Postdoctoral Fellowship **Institution:** Temple University **City/State:** Philadelphia, PA  
**Project Title:** The Prevalence, Risk Factors, and Components Patterns of Metabolic Syndrome in Asian Americans **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2  
**Total Award Amount:** \$104,060

**Qiuyu Zhu, BS, BA, MD, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** Massachusetts General Hospital  
**City/State:** Boston, MA **Project Title:** Dissecting the Role of a Novel Genetic Risk Factor ARHGEF26 in Coronary Artery Disease **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2019 **Total Years:** 1  
**Total Award Amount:** \$56,140



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**Shaotong Zhu, PhD, BS, BA**

**Program Type:** Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Structural Mechanisms of Fast Inhibitory Neurotransmission **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020  
**Total Years:** 2 **Total Award Amount:** \$106,532

**Ivana Zlatanova, PhD**

**Program Type:** Postdoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Identification and functional characterization of endocardial enhancers **Award Start Date:** 1/1/2019 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$104,060