

BCVS 2023 Posters

Galleria Hall

Board Number	Start Time	End Time	Abstract Title	Author Block
P1001	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Comprehensive “Tool Box” For Delineating Adrenergic Receptor Function	Joel Elmquist, Alexander Caron, Steven Wyler, Syann Lee, Yun-Hee Choi, Caleb Lord, Chen Liu, Teppei Fujikawa, UT Southwestern Medical Ctr, Dallas, TX
P1002	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Impact Of Maternal Diabetes-associated Oxidative Stress On The Developing Endocardium	Talita Z Choudhury, Sarah Greskovich, The Ohio State Univ, Columbus, OH; Holly Girard, Nationwide Children's Hosp, Columbus, OH; Emily Cameron, Nationwide Children's Hosp, Columbus, OH, Columbus, OH; Vidu Garg, Nationwide Children's Hosp, Columbus, OH
P1003	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Expression Of Circulating Atherosclerosis-associated Micrnas In Pre- And Post-menopausal Obese Women: Response To Physical Exercise	Debora S Faffe, Diego Costa-dos-Santos, Bianca CA Cabral, Thayane Bottaro, Rosane Silva, Turan P Urmenyi, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio De Janeiro, Brazil
P1004	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Cellular Heterogeneity In The <i>Nkx2.5</i>+ Anterior Lateral Plate Mesoderm Underlies Lineage Diversity Of The Cardiovascular System	Hakan Coskun, Xinlei Gao, Kaifu Chen, C. Geoffrey Burns, Caroline Burns, Boston Children’s Hosp, Boston, MA
P1005	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Parallel Identification Of Gene-Environment Interactions In Cardiac Development Using Human Induced Pluripotent Stem Cells	Masataka Nishiga, Chun Liu, Lichao Liu, Stanford Cardiovascular Inst, Stanford Univ, Stanford, CA; Lei Stanley Qi, Dept of Bioengineering, Stanford Univ, Stanford, CA; Joseph C Wu, Stanford Cardiovascular Inst, Stanford Univ, Stanford, CA
P1007	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Graph Neural Network Analysis Of Dynamic Temporal Relationships Between Chromatin Accessibility And RNA Expression In The Developing Mouse Heart	Sidra Y Xu, Francisco X Galdos, Stanford Univ, Stanford, CA; Carissa Lee, Stanford Cardiovascular Inst, Stanford, CA; Sean M Wu, STANFORD UNIVERSITY, Stanford, CA

P1008	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Characterizing Complex Tandem Repeat Variants And Their Contribution To Congenital Heart Disease	Abhilash Suresh, Dept of Genetics, Harvard Medical Sch, Boston, MA; Sarah U Morton, Daniel Quiat, Boston Children's Hosp, Boston, MA; Steven DePalma, HARVARD MEDICAL SCHOOL, Boston, MA; Joshua Gorham, Harvard Medical Sch, Boston, MA; Pediatric Cardiac Genomics Consortium; Bruce D Gelb, ICAHN SCHOOL MEDICINE, New York, NY; Jonathan G Seidman, Christine E Seidman, HARVARD MEDICAL SCHOOL, Boston, MA
P1009	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Investigating The Effect Of Patient Missense Variants In <i>CHD7</i> Using An Induced Pluripotent Stem Cell Model	Ananya Sharma, Qi Zhang, Dept of Genetics, Harvard Medical Sch, Boston, MA; Sarah U Morton, Boston Children's Hosp, Boston, MA; Jonathan G Seidman, Christine E Seidman, HARVARD MEDICAL SCHOOL, Boston, MA
P1010	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	CXCL12/CXCR4 Signal Pathway In Development Of RNF213-associated Vasculopathy	Takahiro Hiraide, Mizuki Momoi, Yoshiki Shinya, Keio Univ Sch of Med, Tokyo, Japan; Masaharu Kataoka, Univ of Occupational and Environmental Health, Kitakyushu, Japan; Keiichi Fukuda, Keio Univ Sch of Med, Tokyo, Japan
P1012	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Wnt Signaling Is Required For Myxomatous Valve Disease In A Mouse Model Of Marfan Syndrome	Na Xu, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Christina Alfieri, CCHMC, Cincinnati, OH; Katherine Yutzey, CINCINNATI CHILDRENS MEDICAL CENTER, Cincinnati, OH

P1013	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Identification Of Genetic Links Between Cardiovascular Disease And Insomnia In <i>Drosophila</i>	<p>Farah Abou Daya, Div of Molecular and Cellular Pathology, Dept of Pathology, Sch of Med, Univ of Alabama at Birmingham, Birmingham, AL; Torrey Mandigo, Ctr for Genomic Med, Massachusetts General Hosp, Boston, MA, United States, Boston, MA; Matthew Maher, Ctr for Genomic Med, Massachusetts General Hosp, Boston, MA; Lily Ober, Dev Patel, Div of Molecular and Cellular Pathology, Dept of Pathology, Sch of Med, Univ of Alabama at Birmingham, Birmingham, AL; James Walker, Richa Saxena, Ctr for Genomic Med, Massachusetts General Hosp, Boston, MA; Girish Melkani, UAB, Heersink Sch of Med, Birmingham, AL</p>
P1014	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Renal Autocrine Npff, Via Its Local Receptors, Regulates Blood Pressure Through Its Interaction With The Renal Dopaminergic System	<p>Bibhas Amatya, Van Villar, George Washington Univ Sch of Med and Health Sciences, Washington, DC; Laureano D Asico, GEORGE WASHINGTON UNIVERSITY, Washington, DC; Shaun Moore, The GW Sch of Med, Washington, DC; Jacob Polzin, George Washington Univ Sch of Med and Health Sciences, Washington, DC; Ines Armando, GEORGE WASHINGTON UNIVERISITY, Washington, DC; Robin A Felder IV, The Univ of Virginia, Charlottesville, VA; Pedro A Jose, GEORGE WA UNIV SCH MED HEALTH SCI, Washington, DC; Hewang Lee, George Washington Univ, Washington, DC</p>
P1015	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Functional Investigation Of The Coronary Artery Disease Risk Gene <i>Rest</i> In Atherosclerosis	<p>Tobias David Loferer, Deutsches Herzzentrum München, Munich, Germany; Tan An Dang, Deutsches Herzzentrum Muenchen, Munich; Thorsten Kessler, GERMAN HEART CENTRE MUNICH, Munich; Heribert Schunkert, German Heart Ctr, Munich; Dina Weydert, Deutsches Herzzentrum München, Munich, Germany</p>

P1016	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Single Cell Transcriptomic Analysis Of Tafazzin Knockout Mice For Pathway And Therapeutic Discovery In Barth Syndrome	Gayani Perera, Tufts Medical Ctr, Boston, MA; Liam Power, Tufts Univ, Boston, MA; Amy Larson, Tufts Medical Ctr, Boston, MA; Christina Codden, Junya Awata, Tufts Medical Ctr, Brookline, MA; Rebecca Batorsky, Tufts Univ, Boston, MA; Douglas Strathdee, Beatson Inst, Glasgow, United Kingdom; Michael T Chin, Tufts Medical Ctr, Boston, MA
P1017	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Post-GWAS Functional Analysis Of CBLN2 Locus Reveals The Role Of CUX1 In The Inflammatory Pathogenesis Of Pulmonary Arterial Hypertension	Wei Sun, UPMC, Pittsburgh, PA; Danli Jiang, pittsburgh, PA; Ting Wu, pittsburgh, PA, pittsburgh, PA; Gang Li, pittsburgh, PA, pittsburgh, PA, Pittsburgh, PA; Stephen Y Chan, UNIVERSITY OF PITTSBURGH, Pittsburgh, PA
P1018	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Peptidyl-prolyl Cis-trans Isomerase-like 4 Is A Novel Regulator Of Smooth Muscle Cell Remodeling	Batur Gultekin, Yale Univ, New Haven, CT; Kanat Yalcin, Hamden, CT; Joseph Antonios, Hamden, CT, New Haven, CT; Danielle Miyagishima, Zeynep Erson Omay, Yale Univ, New Haven, CT; Tanyeri Barak, Yale Univ, West Haven, CT; Murat Gunel, YALE UNIVERSITY, New Haven, CT
P1019	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	High-throughput Generation And Functional Characterization Of Myosin Heavy Chain 7 Variants In Genome-edited Cardiomyocytes	Kai-Chun Yang, Clayton Friedman, Shawn Fayer, Sriram Pendyala, Wei-Ming Chien, Alexander Loiben, Leslie Chao, Dania Ahmed, Elaheh Karbassi, Charles Murry, Lea Starita, Douglas Fowler, Univ of Washington, Seattle, WA
P1021	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Estimating Cardiac Cell Composition In Gtex With Single-nucleus Reference Profiles.	Brian Gural, UNC-CH, Chapel Hill, NC; Christoph Rau, UNC, Chapel Hill, NC

P1022	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Synthetic Copolymer-Based Membrane Stabilizers Confer Protection To Dystrophin-Deficient Striated Muscle <i>In Vitro</i> And <i>In Vivo</i>	Joseph D Quick , Univ of Minnesota-Twin Cities, Minneapolis, MN; Dongwoo Hahn, Univ of Minnesota, Minneapolis, MN; John Bauer, Univ of Minnesota, Minneapolis, MN, St. Paul, MN; Joseph Hassler, Brian Thompson, Univ of Minnesota-Twin Cities, Minneapolis, MN; Benjamin Hackel, Tim Lodge, Minnesota, Minneapolis, MN; Frank Bates, Minneapolis, MN; Joseph M Metzger, UNIV MINNESOTA, Minneapolis, MN
P1023	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Nonsense Mutations In Atrial Myofilament Regulatory Protein MyBP-HL Are Subject To Proteolytic Degradation And Loss Of Functional Protein	Alejandro A Alvarez-Arce Sr. , Loyola Univ Chicago, Chicago, IL; Lucas Wittenkeller, Loyola Univ Chicago, Minooka, IL; Hope Burnham, Loyola Univ Chicago, Chicago, IL; David Y Barefield, Loyola Univ Chicago, Maywood, IL
P1024	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Cardiomyocyte Mechanics In Animal Models Of Heart Failure With Preserved Ejection Fraction	Vivek Jani , Axel Fenwick, Johns Hopkins Univ, Baltimore, MD; Sumita Mishra, Johns Hopkins Med, Baltimore, MD; Thomas E Sharp III, LSU Health Science Ctr, New Orleans, LA; Jake Doiron, LSU Health Science Ctr, New Orleans, LA, New Orleans, GA; Kyle B LaPenna, LSU Health Sciences Ctr, New Orleans, LA; Traci T Goodchild, LSUHSC - NEW ORLEANS, New Orleans, LA; nan jiang, LSUHSC - NEW ORLEANS, New Orleans, LA, Dallas, TX; Thomas G Gillette, UT Southwestern Medical center, Dallas, TX; Joseph A Hill, UT Southwestern Medical Ctr, Dallas, TX; David Joseph Lefer, Cedars-Sinai Medical Ctr, Los Angeles, CA; David A Kass, JOHNS HOPKINS MEDICAL INST, Baltimore, MD
P1025	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Hsp70 Co-chaperones Regulate Sarcomeric Proteostasis In Hypertrophic Cardiomyopathy	Marcus J Wagner , Graham A Branscom, Liana T Alcaro, Jaime M Yob, Sharlene M Day, Univ of Pennsylvania, Philadelphia, PA

P1026	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Structural And Biochemical Effects Of Missense MyBP-C Mutations On The Myofilament In Human Hypertrophic Cardiomyopathy	Christopher M McAllister, Univ of Pennsylvania, Philadelphia, PA; Vivek Jani, Johns Hopkins Univ, Baltimore, MD; Devin Lee Nissen, BioCAT by illinois Tech, Lemont, IL; Weikang Ma, Illinois Inst of Technology, Lemont, IL; David A Kass, JOHNS HOPKINS MEDICAL INST, Baltimore, MD; Thomas Charles Irving, Illinois Inst of Technology, Chicago, IL; Sharlene Day, Univ of Pennsylvania, Philadelphia, PA
P1027	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Confocal And Mass Spectrometry-based Investigation Of REEP5 Depletion By AAV9 In The Mouse Heart	Michelle Di Paola, Cristine Reitz, Uros Kuzmanov, Kateleen Jia, Allen Teng, Anthony Gramolini, Univ of Toronto, Toronto, ON, Canada
P1028	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Elucidating Differential Mechanisms That Underlie Phenotypic Variability In Two Independent Dcm Models	Catherine Vasquez, Melissa L Lynn, Univ of Arizona, Tucson, AZ; Jil C Tardiff, UNIVERSITY of ARIZONA, Tucson, AZ
P1029	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Abnormal Progenitor Cell Differentiation And Cardiomyocyte Proliferation In Hypoplastic Right Heart Syndrome	Mingtao Zhao, Nationwide Children's Hosp, Columbus, OH; Yang Yu, Nationwide Childrens Hosp, Columbus, OH; Shiqiao Ye, Vidu Garg, zhaohui xu, Nationwide Children's Hosp, Columbus, OH
P1030	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Alpha Kinase 3 Signaling At The M-band Regulates Sarcomeric Protein Quality Networks	James W McNamara, Murdoch Children's Res Inst, Parkville, Australia; Benjamin Parker, Northcote, Australia; Holly Voges, Neda Mehdiabadi, Francesca Bolk, Feroz Ahmad, Antonia Zech, Kevin Watt, Murdoch Children's Res Inst, Parkville, Australia; Enzo R Porrello, MCRI, Parkville, Australia; David Elliott, Murdoch Childrens Res Inst., Parkville, Australia

P1031	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	An Optogenetic Approach To Study Atrial-fibrillation-associated Remodelling In Atrial Engineered Human Myocardium	Fiona Popp, Inst of Pharmacology and Toxicology, Goettingen, Germany; Tony Rubio, Goettingen; Fitzwilliam Seibertz, Goettingen, Goettingen; Aiste Liutkute, Univ Medical Ctr Gottingen, Goettingen; Tobias Bruegmann, Inst of Physiology, Goettingen, Germany; Wolfram H Zimmermann, UNIVERSITY MED CTR GOETTINGEN, Goettingen; Runzhu Shi, Inst of Physiology, Goettingen, Germany; Nuria Diaz, Inst of Experimental Cardiology, Heidelberg, Germany; Niels Voigt, UNIVERSITY Goettingen, Goettingen
P1032	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Substrate Optimization For Patients With Melas And Leigh Syndrome Using Induced Pluripotent Stem Cells-derived Cardiomyocytes	Taylor H Yamamoto, Constance C Huang, Ava K Cutright, Kenan C Dinchman, Bruce H Cohen, William M Chilian, Patrick T Kang, Northeast Ohio Medical Univ, Rootstown, OH
P1033	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Derivation Of Large Biorepository Of Human Ipsc Lines For Open Access Sharing Among Academic Investigators	Christopher D Yan, Celine J Lai, Sushma P Shenoy, Chelsea Lee, Greenstone Biosciences Inc., Palo Alto, CA; Julio V Guevara, Yan Zhuge, Stanford Cardiovascular Inst, Stanford Univ, Palo Alto, CA; Paul D Pang, Greenstone Biosciences Inc., Palo Alto, CA; Joseph C Wu, STANFORD UNIV SCH OF MEDICINE, Stanford, CA
P1034	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Functional Modelling Of Arrhythmias With Human Cardiac Organoids	Mark Pocock, Rebecca Fitzsimmons, Mary Lor, Simon Foster, QIMR Berghofer Medical Res Inst, Brisbane, Australia; Michael R Doran, Sch of Biomedical Sciences, Faculty of Health, Queensland Univ of Technology, Brisbane, Australia; Richard J Mills, QIMR Berghofer Medical Res Inst, Brisbane, Australia; James E Hudson, QIMR Berghofer, Brisbane, Australia
P1037	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Dysfunction Of N-terminal Acetylation Causes Multiple Electrical Abnormalities Leading To Long QT Syndrome And Dilated Cardiomyopathy	Daisuke Yoshinaga, Boston Children's Hosp, Boston, MA

P1038	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Role Of Hypomorphic Notch1 Mutations In Cardiomyocyte Signaling And Function In Hypoplastic Left Heart Syndrome	Anita Saraf, Schlegel Brent, Javed Zaineb, Krithika Rao, Univ of Pittsburgh, Pittsburgh, PA; Travis Lear, Pittsburgh, PA; Jagannathan Rajaganapathi, Univ of Pittsburgh, Pittsburgh, PA; Mousumi Moulik, UPMC Pittsburgh, Pittsburgh, PA; Hempel Nadine, Univ of Pittsburgh, Pittsburgh, PA; Sruti Shiva, Dhivyaa Rajasundaram, Univ of Pittsburgh, Pittsburgh, PA, Pittsburgh, PA; Bernhard Kuhn, CHILDRENS HOSPITAL OF PITTSBURGH, Pittsburgh, PA; Toren Finkel, Univ of Pittsburgh, Pittsburgh, PA
P1039	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Soluble Extracellular Matrix Protein Induces Senescence In Aortic Valve Interstitial Cells To Up-regulate Valvular Osteogenic Activity	Qingzhou Yao, Univerisity of Colorado Denver, Aurora, CO; Lihua Ao, UNIVERSITY OF COLORADO, Aurora, CO; David Fullerton, Univ of Colorado, Aurora, CO; Xianzhong Meng, UNIVERSITY COLORADO DENVER, Aurora, CO
P1040	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	An Engineered Human Cardiac Tissue Model Reveals The Potential Contribution Of Systemic Lupus Erythematosus Autoantibodies To Myocardial Injury	Trevor R Nash, Sharon Fleischer, Manuel A Tamargo, Roberta I Lock, Margaretha Morsink, Vanessa Li, Morgan J Lamberti, Pamela L Graney, Martin Liberman, Youngbin Kim, Richard Z Zhuang, Jaron Whitehead, Richard A Friedman, Rajesh K Soni, Laura Geraldino-Pardilla, Robert Winchester, Gordana Vunjak-Novakovic, Columbia Univ, New York, NY
P1041	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Multiplexed Cardiotoxicity And Efficacy Screening Using Kinetic Image Cytometry Of Human Induced Pluripotent Stem Cell-derived Cardiomyocytes	Ranor Christian Bello Basa, Vala Sciences, Inc, San Diego, CA; Patrick McDonough, Ameena Pascua, Lilian Harrison, Ariel Wang, Jeffrey M Hilton, Randall S Ingermanson, Jeffrey H Price, Vala Sciences, Inc, San Diego, CA
P1042	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Stem Cell Models Reveal Sarcomere Inhibition As A Potential Treatment For Pediatric Restrictive Cardiomyopathy	David Staudt, Stanford Childrens Health, Palo Alto, CA; Ricardo Serrano, Palo Alto, CA; Mark Mercola, STANFORD UNIVERSITY, Stanford, CA

P1045	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Replacement Of Wearable-device-measured Sedentary Time By Physical Activity, Genetic Susceptibility, And Risk Of Coronary Heart Disease	Youngwon Kim, Haeyoon Jang, The Univerisity of Hong Kong, Hong Kong, Hong Kong; Mengyao Wang, Hong Kong; Tessa Strain, The Univerisity of Hong Kong, Hong Kong, Hong Kong; Stephen J Sharp, Univ of Cambridge Sch of Clinical Med, Cambridge, United Kingdom; Qiaoxin Shi, Univ of Cambridge Sch of Clinical Med, Cambridge, United Kingdom, Hong Kong; Shiu Lun Au Yeung, Univ of Cambridge Sch of Clinical Med, Cambridge, United Kingdom, Hong Kong, Hong Kong; Shan Luo, The Univerisity of Hong Kong, Hong Kong, Hong Kong; Simon Griffin, Univ of Cambridge, Cambridge, United Kingdom; Nicholas John Wareham, Univ of Cambridge, Cambridge; Soren Brage, Univ of Cambridge Sch of Clinical Med, Cambridge, United Kingdom
P1046	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Twenty-year Single-center Experience Of Catheter Ablation Of Ventricular Tachycardia And Progression To Heart Transplantation	Danielle M Mullis, Oluwatomisin O Obafemi, Sean Kumar, Augustine Kang, Joy Aparicio Valenzuela, Ornella Pelissero, Francois Haddad, Anson M Lee, Stanford Univ, Palo Alto, CA
P1047	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	The Extracellular Matrix Metalloproteinase Inducer And The Membrane Type 1 Matrix Metalloproteinase In Marfan Syndrome Related Thoracic Aortic Aneurysm	Andrew R Peterson, Kyle C Alexander, Carlton Anderson, Joseph Parrish, Jacob G Boutros, UNC-Chapel Hill, Chapel Hill, NC; Syed Mohsin Shah, John H Cannon, Jarret Peterson, Jaleel Townsend, Dalton J McGlamery, UNC-Chapel Hill, Chapel Hill, NC; John S Ikonomidis, UNIVERSITY OF NORTH CAROLINA, Chapel Hill, NC; Adam W Akerman, UNC-Chapel Hill, Chapel Hill, NC
P1048	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Lattice-Boltzmann Method Achieves Feasible Hemodynamic Analysis In Carotid Atherosclerosis With Low Computational Cost	Seung Hyun Park, Hyunwoo Cho, Hae Nam Ahn, Yeongchae Park, Kwang Won Kim, Brian Cho, E8IGHT, Seoul, Korea, Republic of; Hojin Ha, Kangwon Natl Univ, Chuncheon, Korea, Republic of; Han Seo Ko, Sungkyunkwan Univ, Suwon, Korea, Republic of; Doosang Kim, Veterans Health Service Medical Ctr, Seoul, Korea, Republic of

P1049	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	The Impact Of Endurance Exercise On Longer-term Myocardial Fibrosis Development And Ventricular Arrhythmogenicity In Murine Coxsackievirus B3 Myocarditis	Kasper Favere, Univ of Antwerp, Antwerp, Belgium; Manon Van Hecke, Univ of Leuven, Leuven, Belgium; Sander Eens, Matthias Bosman, Peter L Delputte, Univ of Antwerp, Antwerp, Belgium; Johan De Sutter, Ghent Univ, Ghent, Belgium; Erik Fransen, Univ of Antwerp, Antwerp, Belgium; Tania Roskams, Univ of Leuven, Leuven, Belgium; Pieter-Jan Guns, Hein Heidbuchel, Univ of Antwerp, Antwerp, Belgium
P1050	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	The Activity Of Autophagy Biomarkers In Acute Myocardial Infarction	Min Gyu Kong, Jon Suh, Yoonhaeng Cho, Hyun Woo Park, Nae Hee Lee, Soonchunhyang university bucheon hospital, Bucheon, Korea, Republic of
P1051	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Minimally Invasive Delivery Of Synthetic Cardiac Stromal Cells In A Large Animal Model Of Myocardial Infarction	Yuan Li, UNC Chapel Hill/NC State Univeristy, Raleigh, NC; Ke Huang, NC State Univ, Apex, NC; Ke Cheng, UNC-Chapel Hill NC State Univ, Raleigh, NC
P1052	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Development Of A Porcine Model Of Arteriovenous Fistula For The Evaluation Of Radiopaque Polymeric Vascular Wrap	Carleigh Klusman, Baylor Coll of Med, Houston, TX; Benjamin Martin, Joy Perez, MD Anderson, Houston, TX; Huckie Del Mundoa, Jossana Damasco, Baylor Coll of Med, Houston, TX; Erin Marie San Valentin, Spring, TX; Marvin Bernardino, UT MD Anderson Cancer Ctr, Katy, TX; Allan Barcena, Malea Williams, Steve Parrish, William Norton, Gouthami Chintalapani, Baylor Coll of Med, Houston, TX; Natalie Fowlkes, UT MD Anderson Cancer Ctr, HOUSTON, TX; Tam Huynh, Baylor Coll of Med, Houston, TX; Steven Huang, Baylor Coll of Med, Houston, TX, Taiwan; Marites P Melancon, THE UNIVERSITY OF TEXAS MD AND, Houston, TX

P1053	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Circulating Mitochondrial DNA Level Is A Biomarker Of Acute Myocardial Infarction And Mediates Cardiac Ischemia-reperfusion Injury	Yuxin Chu, Yutao Hua, Jamelle Brown, Celeste Bell, Jin He, Lihao He, Yunxi Chen, Univ of Alabama at Birmingham, Birmingham, AL; Sumanth D Prabhu, Washington Univ in St. Louis, Saint Louis, MO; Cheng Zhang, Qilu Hosp of Shandong Univ, Jinan, China; Scott Ballinger, Univ of Alabama at Birmingham, Birmingham, AL; Min Xie, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1055	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Takotsubo Syndrome Model In Rats	Ermir Zulfaj, Amirali Nejat, Dept. of Molecular and Clinical Med, Univ of Gothenburg, Gothenburg, Sweden; Abdulhussain Haamid, Core Facilities - Experimental Biomedicine, Sahlgrenska Acad, Gothenburg, Gothenburg, Sweden; Aaron Espinosa, Shafaat Hussain, Ahmed Elmahdy, Yalda Kakei, Dept. of Molecular and Clinical Med, Univ of Gothenburg, Gothenburg, Sweden; Bjorn Redfors, Goteborg, Sweden; Elmir Omerovic, Sahlgrenska Univ Hosp, Gothenburg, Sweden
P1057	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Outcomes Of Impella Versus ECMO In Multivessel Percutaneous Coronary Intervention	Yaser Khalid, Wright Ctr For GME/Geisinger Health, Scranton, PA; Kirti Dasu, Drexel Univ, Philadelphia, PA; Hiral Amin, Jefferson Health NJ, Stratford, NJ; Nielsen Gabriel, Temple Univ, Philadelphia, PA; Sanath Shetty, Jefferson Health NJ, Stratford, NJ; Neethi Dasu, Jefferson Health NJ, Voorhees, NJ; Debesh Jha, Northwestern Univ - The Feinberg Sch of Med, Chicago, IL; Tyler Klecha, Rowan-Virtua Sch of Osteopathic Med, Stratford, NJ
P1059	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Decellularization Of Valved Porcine Xenografts For Use In Pediatric Right Ventricular Outflow Tract Replacement Surgery	Amy G Harris, Francesca Bartoli-Leonard, Dominga Iacobazzi, Michele Carraba, Giovanni Biglino, Massimo Caputo, Univ of Bristol, Bristol, United Kingdom

P1060	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Correlation Of Plasma Glutathione Peroxidase 4 Concentration With Coronary Heart Disease And The Severity Of Coronary Artery Stenosis	Dan Song, Changsha Central Hosp, Univ of South China, Changsha, China; Rayaan Yunus, Faraz Mahmood, Yifan Bu, BIDMC, Boston, MA; Jia Li, Changsha Central Hosp, Univ of South China, Changsha, China; Robina Matyal, Beth Israel Deaconess Medical, Boston, MA; Hebin Xie, Yiping Leng, Changsha Central Hosp, Univ of South China, Changsha, China; Ping Deng, Changsha Central Hosp, Univ of South China, Changsha, China; Qiaoqing Zhong, BIDMC, Boston, MA
P1061	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Salivary Extracellular Vesicle-associated LncRNAs As Novel Non-invasive Biomarkers For Acute Decompensated Heart Failure: The Pioneering SEAL-HF Study	Michail Spanos, Priyanka Gokulnath, Mass General Hosp - Harvard Medical Sch, Boston, MA; Quanhu Sheng, Nashville, TN; Emeli Chatterjee, Mass General Hosp - Harvard Medical Sch, Boston, MA; Guoping Li, Massachusetts General Hosp, Boston, MA; Kathy Luong, Helge Immo Lehmann, Mass General Hosp - Harvard Medical Sch, Boston, MA; Ashley Mingyi Wang, Mass General Hosp - Harvard Medical Sch, Westford, MA; Chinemerem Nwokemodo-Ihejirika, Worawan Limpitikul, Mass General Hosp - Harvard Medical Sch, Boston, MA; Dimitrios Varrias, Jacobi Albert Einstein, NYC, NY; David T. W Wong, Sch of Dentistry and Dental Res Inst, Los Angeles, CA; Saumya Das, Mass General Hosp, Boston, MA
P1064	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Gene Editing Technologies To Understand Knockout And Over Expression Of Circadian Rhythm Regulatory Genes In Human Derived Spheroid Model.	Saidulu Mattapally, Mattapally Technologies, Birmingham, AL; Wesley C Labarge, Gregory Walcott, Univ of Alabama at Birmingham, Birmingham, AL; Chandrakala Mattapally, Mattapally Technologies, Birmingham, AL; Jianyi J Zhang, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL

P1065	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Primitive Macrophages Enhance The Function Of Bioengineered Human Cardiac Microtissues	Homaira Hamidzada, Simon Pascual-Gil, Univ of Toronto, Toronto, ON, Canada; Michael A Laflamme, Gordon Keller, Univ Health Network, Toronto, ON, Canada; Milica Radisic, Univ of Toronto, Toronto, ON, Canada; Slava Epelman, Univ Health Network, Toronto, ON, Canada
P1066	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Engineering Of Ferritin Overexpressing Human Induced Pluripotent Stem Cells For In Vivo Tracking Of Grafts Using Magnetic Resonance Imaging	Yura Son, Wuqiang Zhu, Mayo Clinic, Scottsdale, AZ
P1067	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	A Perfused <i>In Vitro</i> Model Of Embryonic Heart Tube: Leveraging 3D Bioprinting And Human Induced Pluripotent Stem Cell Technologies To Study Heart Development	Linqi Jin, Martin L Tomov, Emory Univ, Atlanta, GA; Huang Chen, Georgia Inst of Technology, Atlanta, GA; Reza Avazmohammadi, Lakshmi Dasi, Texas AM Univ, College Station, TX; Holly Bauser Heaton, Children's healthcare of Atlanta, Atlanta, GA; Vahid Serpooshan, Emory Univ, Atlanta, GA
P1068	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Yap Induces A Neonatal Like Pro-renewal Niche In The Adult Heart	Rich Gang Li, Xiao Li, Texas Heart Inst, Houston, TX; Francisco Grisanti-Canozo, Baylor Coll of Med, Houston, TX; Yuka Morikawa, TEXAS HEART INSTITUTE, Houston, TX; Fansen Meng, Jong H Kim, Texas Heart Inst, Houston, TX; Bing Xie, Elzbieta Klysik, Baylor Coll of Med, Houston, TX; Shijie Liu, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Md Abul Hassan Samee, Baylor Coll of Med, Houston, TX; James F Martin, BAYLOR COLLEGE OF MEDICINE, Houston, TX
P1069	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Yap Mediates Cardiac Proliferation In Tead-independent Mechanisms	Bing Xie, Jeff Steimle, Vaibhav Deshmukh, Baylor Coll of Med, Houston, TX; Yuka Morikawa, TEXAS HEART INSTITUTE, Houston, TX; Fansen Meng, Baylor Coll of Med, Houston, TX; James F Martin, BAYLOR COLLEGE OF MEDICINE, Houston, TX

P1070	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	In Vivo Autotransplantation Of Spleen-derived Endothelial Progenitor Cells To Promote Angiogenesis In Ischemic Sites	Seyong Chung, Yonsei Univ Coll of Med, Seoul, Korea, Republic of
P1072	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Microneedle Patch Loaded With Il-4 Macroparticles Facilitates Heart Repair Through Macrophages Mediated Cardiomyocyte Phenotype Transition	Ke Huang, NC State Univ, Raleigh, NC
P1073	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	The <i>Mir-200</i> Family Modulates Expression Of <i>Tbx5</i>, <i>Gata</i>4, And <i>Pitx2</i> During Early Cardiac Development.	Riley J Leonard, Univ of Iowa, Iowa City, IA; Mason Sweat, Boston Childrens Hosp, Boston, MA; Steven Eliason, Univ of Iowa, Iowa City, IA; Robert M Weiss, UNIVERSITY IOWA, Iowa City, IA; Brad Amendt, UNIVERSITY IOWA, Iowa City, IA, Iowa City, IA
P1073.1	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Inhibition Of <i>Mir-200c</i> Abrogates Post-infarction LV Remodeling Following A Myocardial Infarct.	Riley J Leonard, Univ of Iowa, Iowa City, IA; Mason Sweat, Boston Childrens Hosp, Boston, MA; Steven Eliason, Kathy Zimmerman, Ariana Batz, William J. Kutschke, Univ of Iowa, Iowa City, IA; Robert M Weiss, UNIVERSITY IOWA, Iowa City, IA; Brad A Amendt, Univ of Iowa, Iowa City, IA
P1074	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	<i>In Vitro</i> Stimulation-conduction Platforms To Mature Induced Pluripotent Stem Cell-derived Cardiomyocytes	Suh Hee Cook, North Carolina State Univ, Raleigh, NC; Jack Twiddy, Raleigh, NC; Michael A Daniele, Jessica M Gluck, North Carolina State Univ, Raleigh, NC
P1075	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Igf-1 Signaling And Nuclear Localization Of Pdgfralpha Tyrosine Kinase Activity Control The Fibrotic Response Of Mesenchymal Stromal Cells To Myocardial Ischemia	Maria Paola Paola Santini, Icahn Sch Med Mount Sinai, New York, NY; Kiyotake Ishikawa, Evren U Azeloglu, Icahn Sch of Med at Mount Sinai, New York, NY

P1076	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Rrad Regulates Cardiomyocyte Cell Cycle Entry By Modulating Calcineurin Activity	Lynn Devilee, 1QIMR Berghofer Medical Res Inst, Queensland, Australia; Jessica Miller, Qinghui Ou, Louisville, KY; Abou Bakr Mohamed Salama, douglas andres, louisville, KY; Jonathan Satin, Tamer Mohamed, Univ of Louisville, Louisville, KY; James E Hudson, QIMR Berghofer, Brisbane, Australia; Riham Abouleisa, UNIVERSITY LOUISVILLE, Louisville, KY
P1077	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Transcription Factor Nfya Regulates Mitochondrial Metabolism And Cardiomyocyte Proliferation In The Fetal Heart	Miao Cui, Boston Children's Hosp, Boston, MA; Svetlana Bezprozvannaya, UTSW Medical Ctr, Dallas, TX; Tian Hao, Boston Children's Hosp, Boston, MA; Rhonda S Bassel-Duby, UT SOUTHWESTERN MEDICAL CENTER, Plano, TX; Ning Liu, UT Southwestern Medical Ctr, Dallas, TX; Eric N Olson, UNIV TEXAS SOUTHWESTERN MED CTR, Dallas, TX
P1078	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Cardiomyocyte-fibroblast Interaction Regulates Ferroptosis And Fibrosis After Myocardial Injury	Shuang Li, Medical Univ of South Carolina, Charleston, SC; Mary Mohr, Charleston, SC; Ge Tao, Medical Univ of South Carolin, Charleston, SC
P1079	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Regeneration Of Primate Hearts With Human IPS Cell-derived Cardiac Spheroids	Hideki Kobayashi, Shinshu Univ, Matsumoto, Japan; Shugo Tohyama, Keio Univ, Tokyo, Japan; Koichiro Kuwahara, Yuji Shiba, Shinshu Univ, Matsumoto, Japan; Keiichi Fukuda, Keio Univ, Tokyo, Japan
P1080	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Periostin Is Induced During Cell-based Repair In The Sheep Model Of Myocardial Infarction	Richard Vega, Lorelei Hughes, Dept of Pathology and Human Anatomy, Loma Linda Univ Sch of Med, Loma Linda, CA; Nahidh Hasaniya, Leonard Bailey, Dept of Cardiovascular and Thoracic Surgery, Loma Linda Univ Sch of Med, Loma Linda, CA; Mary K Kearns-Jonker, Dept of Pathology and Human Anatomy, Loma Linda Univ Sch of Med, Loma Linda, CA

P1082	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	The Role Of Shroom3 Protein In Cardiac Regeneration And Repair	Amirala Bakhshian Nik, Medical Coll of Wisconsin, Milwaukee, WI; Ayana Jamal, Medical Coll of Wisconsin, Wauwatosa, WI; Brian Link, Medical Coll of Wisconsin, Milwaukee, WI; Caitlin Omeara, MEDICAL COLLEGE OF WISCONSIN, Milwaukee, WI
P1083	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Retinoid Regulation Of Cardiac Inflammation	Ian Gans, MaineHealth Inst for Res, Scarborough, ME
P1084	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Cardiomyocyte-specific Overexpression Of Ccnd2 Via Modified Mrnafor Remuscularization In Hearts With Myocardial Infarction	Jiacheng Sun, Univ of Alabama at Birmingham, Birmingham, AL; Lu Wang, Univ of Alabama at Birmingham, Birmingham, AL; Rachel Matthews, Gregory Walcott, Univ of Alabama at Birmingham, Birmingham, AL; YU-AN LU, Birmingham, AL; Yuhua Wei, UAB, Birmingham, AL; Yang Zhou, Univ of Alabama at Birmingham, Birmingham, AL; Lior Zangi, MSSM, New York, NY; Jianyi J Zhang, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1085	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Generating Injectable Vascularized Cardiomyocytes Derived From Human Induced Pluripotent Stem Cells	Junya Aoyama, Morgan Sokol, Anthony Zhu, Fang Cao, 1Dept of Stem Cell and Regenerative Biology, Harvard Univ, Cambridge, MA; Eun Seok Gil, 3 3-D Matrix, Inc, Cambridge, MA; Elton Aleksy, 33-D Matrix, Inc, Cambridge, MA; Jessica Garbern, Hannah Elwell, 1Dept of Stem Cell and Regenerative Biology, Harvard Univ, Cambridge, MA; Irving Barrera, 4 Broad Inst of MIT and Harvard, Cambridge, MA; Richard T Lee, 1Dept of Stem Cell and Regenerative Biology, Harvard Univ, Cambridge, MA

P1086	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Induced Pluripotent Stem Cell-based Cardiac Tissue Modeling Of Mitogenic Cardiomyopathy In Alström Syndrome	Robin Duelen, Samaneh Ekhteraeitousi, Domiziana Costamagna, Ellen Caluwé, Hilde Gillijns, Johanna Jacobs, Ming Wu, KU Leuven, Leuven, Belgium; Brigitte Malgrange, Liège Univ, Liège, Belgium; Koenraad Devriendt, Llewelyn Roderick, KU Leuven, Leuven, Belgium; Jianyi J Zhang, Univ of Alabama at Birmingham, Birmingham, AL; Maurilio Sampaolesi, Stefan Janssens, KU Leuven, Leuven, Belgium
P1087	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Cd36-retinoic Acid-PPAR δ Signaling Axis Modulates Cardiomyocytes' Ability To Proliferate In Newly Born Neonatal Mice	Abou Bakr M Salama, Univ of Louisville, Louisville, KY; Riham Abouleisa, Qinghui Ou, UNIVERSITY LOUISVILLE, Louisville, KY; Jessica Miller, Louisville, KY; Marc Dwenger, Univ of Louisville, Louisville, KY; Ahmad Gebreil, Univ of Louisville, Louisville, KY, Louisville, KY; Hania abdelhafez, Momo Arai, Univ of Louisville, Louisville, KY; Sameeha Abdulwali, yazan Almasry, Bradford G Hill, Univ Of Louisville, Louisville, KY; Tamer Mohamed, Univ of Louisville, Louisville, KY
P1088	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Biophysical Crowding Of <i>In Vitro</i> Culture Media Alters The Growth Rate And Collagen Production Of Cells Used For Seeding Tissue-Engineered Heart Valves	Kathryn G Henshaw, Angelina J Joyce, Renata C C Freitas, John E Mayer Jr., Boston Children's Hosp, Boston, MA
P1089	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Pontin Is Necessary And Sufficient For Driving Cardiomyocyte Proliferation In Zebrafish And Mice	Hui-Min Yin, Div of Basic and Translational Cardiovascular Res, Dept of Cardiology, Boston Children's Hosp, Boston, MA; Xinlei Gao, Div of Basic and Translational Cardiovascular Res, Dept of Cardiology, Boston Children's Hosp, Brookline, MA; Kaifu Chen, Caroline Burns, C. Geoffrey Burns, Div of Basic and Translational Cardiovascular Res, Dept of Cardiology, Boston Children's Hosp, Boston, MA

P1090	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Foxm1 Regulates Cell Cycle Of Human Induced Pluripotent Stem Cells-derived Cardiomyocytes	Peng-Sheng Li, Mayo clinic Airzona, Scottsdale, AZ; Ling Tang, mayo clinic Arizona, Scottsdale, AZ; Wuqiang Zhu, Mayo Clinic, Scottsdale, AZ
P1091	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Identification Of Circrna-mirna-mrna Regulatory Network And Crucial Signaling Pathways Related To Cardiomyocyte Proliferation In Neonatal Mice And Pigs	Ling Tang, Verah Nyarige, Mayo Clinic Arizona, Scottsdale, AZ; Peng-Sheng Li, Mayo clinic Airzona, Scottsdale, AZ; Evelyn Wang, Mayo Clinic Arizona, Scottsdale, AZ; Junwen Wang, MAYO CLINIC SCOTTSDALE, Scottsdale, AZ; Wuqiang Zhu, Mayo Clinic, Scottsdale, AZ
P1092	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Endothelial Cell Aging Can Be Reversed By A Pharmacological, Partial Reprogramming Strategy	Katrin Kalies, Kai Knoepp, Leonie Wurmbrand, Jochen Dutzmann, Daniel Sedding, Univ Hosp Halle (Saale), Halle, Germany
P1093	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Safety And Feasibility Of Tissue-engineered Biological Ventricular Assist Devices For Ischemic Cardiomyopathy	Ming Wu, KU Leuven, Leuven, Belgium; Alain Van Mil, UNIVERSITY MEDICAL CENTER UTRECHT, Utrecht, Netherlands; Piet Claus, Michiel Algoet, KU Leuven, Leuven, Belgium; Andrei Hrynevich, Univ Utrecht, Utrecht, Netherlands; Johannes Braig, Univ of Wuerzburg, Wuerzburg, Germany; Gerardo Cedillo-Servin, Utrecht Univ, Utrecht, Netherlands; Hilde Gillijns, KU Leuven, Leuven, Belgium; Patricia Holemans, KUL, Leuven, Belgium; Inge Dokter, Univ Utrecht, Utrecht, Netherlands; Tomasz Jüngst, Univ of Würzburg, Würzburg, Germany; Miguel Castilho, Eindhoven Univ of Technology, Eindhoven, Netherlands; Jos Malda, Utrecht Univ, Utrecht, Netherlands; Jürgen Gröll, Univ of Würzburg, Würzburg, Germany; Manuel Mezo, Univ of Navarra, Pamplona, Spain; Joost P Sluijter, UNIVERSITY MEDICAL CENTER UTRECHT, Utrecht, Netherlands; Wouter Oosterlinck, KU Leuven, Leuven, Belgium; Felipe Prosper, Univ of Navarra, Pamplona, Spain; Stefan P Janssens, UNIV HOSP GASTHUISBERG, Leuven, Belgium

P1094	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Mesenchymal Stem Cells Educate Lung Megakaryocytes To Favor Cardiac Repair Post Myocardial Infarction	Shiqi Hu, North Carolina State Univ, Raleigh, NC; Ke Cheng, UNC-Chapel Hill NC State Univ, Raleigh, NC
P1095	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Studying Changes In Mitochondrial Dynamics And Energetics During Cardiac Reprogramming	Brian Spurlock, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Yifang Xie, Carrboro, NC; Rustem Salmenov, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Jiandong Liu, UNC CHAPEL HILL, Chapel Hill, NC; Li Qian, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC; Marazzano Colon, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
P1096	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Computational Motion Artifact Removal Acts As Virtual Blebbistatin In Ipsc-derived Cardiomyocytes And Micro-tissues	Louis Woodhams, Washington Univ in St. Louis, Saint Louis, MO; Jingxuan Guo, Washington Univ in Saint Louis, Saint Louis, MO; Nathaniel Huebsch, Guy Genin, Washington Univ in St. Louis, Saint Louis, MO
P1097	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Foxk1 Is A Regulator Of Cardiomyocyte Proliferation And Heart Regeneration	Javier Sierra-Pagan, Univ of Minnesota, Minneapolis, MN; Thijs Larson, Univ of Minnesota, Deephaven, MN; Satyabrata Das, Xiao Ma, Univ of Minnesota, Minneapolis, MN; Tamas Alexy, Minneapolis, MN; qinglu li, university of minnesota, Roseville, MN; Patricia Stan, university of minnesota, Roseville, MN, Minneapolis, MN; Wuming Gong, UNIVERSITY OF MINNESOTA, Minneapolis, MN; Jianyi J Zhang, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmiham, AL; Mary G Garry, Univ of Minnesota, Minneapolis, MN; Daniel J Garry, LILLEHEI HEART INSTITUTE - U OF MN, Minneapolis, MN
P1098	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Molecular Maturation Of Engrafted Human Pluripotent Stem Cell-derived Cardiomyocytes	Juliana Gomez, Univ of Toronto, Toronto, ON, Canada; Wenlei Jiang, Beiping Qiang, Univ Health Network, Toronto, ON, Canada; Gary Bader, Univ of Toronto, Toronto, ON, Canada; Michael A Laflamme, Univ Health Network, Toronto, ON, Canada

P1100	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	The PD1/PD-L1 Pathway Provides An Immunosuppressive Environment Necessary For Neonatal Heart Regeneration	Stephanie Vargas Aguilar, UT Southwestern Medical Ctr, Dallas, TX; Miao Cui, Boston Children's Hosp, Boston, MA; Ning Liu, UT Southwestern Medical Ctr, Dallas, TX; Rhonda S Bassel-Duby, UT SOUTHWESTERN MEDICAL CENTER, Plano, TX; Eric N Olson, UNIV TEXAS SOUTHWESTERN MED CTR, Dallas, TX
P1102	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Organic Semiconductor Photomodulation Enhances Maturation Of Pluripotent Stem Cell-derived Cardiomyocytes	Camilla Galli, Nicolo Salvarani, IRCCS Humanitas Res Hosp, Rozzano (Milan), Italy; Carlotta Ronchi, Gabriele Tullii, Camilla Marzuoli, Ctr for Nano Science and Technology @PoliMI - Istituto Italiano di Tecnologia, Milan, Italy; Marco Malferrari, Stefania Rapino, Alma Mater Studiorum Univ di Bologna, Bologna, Italy; Maria Rosa Antognazza, Ctr for Nano Science and Technology @PoliMI - Istituto Italiano di Tecnologia, Milan, Italy; Elisa Di Pasquale, IRCCS Humanitas Res Hosp, Rozzano (Milan), Italy
P1103	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	A Combinatorial Stem Cell Therapy Using HiPSC-derived Cardiomyocytes And HiPSC-derived Mesenchymal Stem Cells For Cardiac Regeneration	Divya Sridharan, Syed Baseeruddin Alvi, Muhamad Mergaye, Abbey Forehand, Uzair Ahmed, The Ohio State Univ, Columbus, OH; Mahmood Khan, OHIO STATE UNIVERSITY, Columbus, OH
P1104	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Mantarray 3D Engineered Muscle Tissue Platform Demonstrates Clinically-relevant Disease Stratification Of An <i>In Vitro</i> Human Duchenne Muscular Dystrophy Model	Shawn Luttrell, Curi Bio, Seattle, WA; Jesse Macadangdang, Kevin Gray, Seattle, WA; Samir Kharoufeh, Christal Worthen, Greg Luerman, Nicholas Geisse, Curi Bio, Seattle, WA
P1105	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Dissecting The Roles Of Vegfba And Pgfba In Zebrafish Cardiac Regeneration	Zhenyu Wang, Didier Stainier, Max Planck Inst for Heart and Lung Res, Bad Nauheim, Germany
P1106	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Antiinflammatory Hydrogel Promotes Electrical Coupling After Myocardial Ischemia	Zhenhua Li, Southern Medical Univ, Dongguan, China

P1107	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Elmsan1 Regulates Differentiation And Maturation Of Cardiomyocytes Derived From Human Induced Pluripotent Stem Cells	YU-AN LU, Jiacheng Sun, Univ of Alabama at Birmingham, Birmingham, AL; Lu Wang, Univ of Alabama at Birmingham, Birmingham, AL; Meimei Wang, Univ of Alabama at Birmingham, Birmingham, AL; Rachel Matthews, Univ of Alabama at Birmingham, Birmingham, AL; Jianyi J Zhang, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Yang Zhou, Univ of Alabama at Birmingham, Birmingham, AL
P1108	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Development Of A Vascularized Cardiac Patch Using 3D Bioprinting To Regenerate Injured Myocardium	Boeun Hwang, Emory Univ, Atlanta, GA; Lauren Korsnick, Georgia Inst of Technology, Atlanta, GA; Ming Shen, Emory Univ, Atlanta, GA; Holly Bauser Heaton, Children's healthcare of Atlanta, Atlanta, GA; Vahid Serpooshan, Emory Univ, Atlanta, GA
P1109	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Instructor	Jessica Miller, Univ of Alabama at Birmingham, Birmingham, AL; Prasanna Krishnamurthy, Palaniappan Sethu, Ramaswamy Kannappan, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1111	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Dysfunctional SCARNAs And Failed Pseudouridylation Result In Irregulation Of Cardiac Genes In Noonan Syndrome Patient-derived Induced Cardiomyocytes	Vinoth Sigamani, Selene G Perales, The Univ of Tennessee Health Science Ctr, Memphis, TN; SHEEJA RAJASINGH, Univ of Tennessee Health Scie, Memphis, TN; Hemanathan Vembuli, Rahul Pushparaj, The Univ of Tennessee Health Science Ctr, Memphis, TN; Johnson Rajasingh, UNIV OF TENNESSEE HEALTH SCIENCE CT, Memphis, TN
P1113	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Patient-derived Cardiac Assembloids Enable Therapeutic Verification Of Regenerative Reagent Bio	Yong-Sook Kim, Chonnam Nat Univ Hosp, Gwaju, Korea, Republic of; Meeyoung Cho, Dong Im Cho, Chonnam Nat Univ Hosp, Gwaju, Korea, Republic of; Sooji Yoo, Youngkeun Ahn, Chonnam Nat Univ Hosp, Gwangju

P1114	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Preclinical Large Animal Assessment Of Safety And Engraftment Of Hicms Nanofiber Cardiac Patch Transplantation For Cardiac Repair	Divya Sridharan, The Ohio State Univ, Columbus, OH; Syed Baseeruddin, Ohio State Univ, Columbus, OH; Muhamad Mergaye, Orlando Simonetti, The Ohio State Univ, Columbus, OH; Juliet Varghese, Yuchi Han, Robert Hamlin, OHIO STATE UNIVERSITY, Columbus, OH; Heather Powell, THE OHIO STATE UNIVERSITY, Columbus, OH; Mahmood Khan, OHIO STATE UNIVERSITY, Columbus, OH
P1115	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Epicardial Signaling Regulates Myocardial Contractility Via Mirna	Canan G Nebigil, INSERM, UMR1260, Strasbourg, France
P1116	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Histone Deacetylase Complexes Regulate Direct Cardiac Conversion From Human Fibroblasts	Meimei Wang, Yu-An Lu, Dept of Biomedical Engineering, Sch of Med and Sch of Engineering, Univ of Alabama at Birmingham, Birmingham, AL; Xinyue Zhou, Rui Lu, Dept of Med - Hematology & Oncology, O'Neal Comprehensive Cancer Ctr, Univ of Alabama at Birmingham, Birmingham, AL; Yang Zhou, Dept of Biomedical Engineering, Sch of Med and Sch of Engineering, Univ of Alabama at Birmingham, Birmingham, AL
P1117	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Personalized Care Using Patient-derived Cardiac Spheroids For Heart Failure Patients	Carmine Gentile, Univ of Technology Sydney, Ultimo Sydney, Australia
P1118	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Engineering A Patient-specific Heart On A Chip Model Of Hypoplastic Left Heart Syndrome	Riya Verma, Univ of Southern California, Los Angeles, CA; Megan L Rexius-Hall, Univ of Southern California, Los Aeles, CA; Megan L McCain, USC, Los Angeles, CA; Ram Kumar Subramanyan, UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, CA
P1119	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Deep Learning-based Cardiac Microphysiological Systems For Studying Reentry Arrhythmia	Young Hoon Son, Hyeong Kyun Park, Emory Univ, West Lafayette, IN; Christina Sheng, Tucker, GA; Jeongin Jang, Tucker, GA, Duluth, GA; Junbeom Park, Tucker, GA, Duluth, GA, Seoul; Sung-Jin Park, Emory Univ,, Atlanta, GA

P1120	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Chromobox 7 Represses Cardiomyocyte Proliferation, And Its Genetic Ablation Promotes Cardiac Regeneration Following Myocardial Injury	Kyuwon Cho, Mark Andrade, EMORY UNIVERSITY, Atlanta, GA; Seongho Bae, Emory Univ, Atlanta, GA; Sangsung Kim, Jin Eyun Kim, Yonsei Univ Coll of Medici, Seoul; Er Yearn Jang, Atlanta, GA; Sangho Lee, Ahsan Husain, EMORY UNIVERSITY, Atlanta, GA; Roy L Sutliff, EMORY UNIV ATLANTA VA MEDICAL, GA; John W Calvert, Changwon Park, Emory Univ, Atlanta, GA; Young-sup Yoon, EMORY UNIVERSITY SCHOOL MEDICINE, Atlanta, GA
P1121	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Substrate Rigidity And Mybpc3 Genotype Regulate Development Of Hypertrophic Cardiomyopathy Structural And Functional Phenotypes In Human Ipsc-derived Micro-heart Muscle Arrays	Jingxuan Guo, Saint Louis, MO; Huanzhu Jiang, Washington Univ in St. Louis, St. Louis, MO; David Schuftan, Washington Univ in St. Louis, St. Louis, MO, Livingston, NJ; Lavanya Aryan, Washington Univ in Saint Louis, Saint, MO; Nathaniel Huebsch, Washington Univ in St. Louis, Saint Louis, MO
P1122	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Ablation Of PDGFR β Expression In Cardiac-resident Mesenchymal Stem Cells Prevents Adverse Cardiac Remodeling In Chronic Heart Failure	Tariq Hamid, Washington Univ - St. Louis, St. Louis, MO; Mohamed Ameen Ismahil, Washington Univ at St. Louis, St Louis, MO; Wei Liu, Washington Univ - St. Louis, St. Louis, MO; Yujie Zhu, Washington Univ in St. Louis, St. Louis, MO; Michael Katsnelson, Lina Ma, Mengya Mark, Gregg Rokosh, Washington Univ - St. Louis, St. Louis, MO; Sumanth D Prabhu, Washington Univ in St. Louis, Saint Louis, MO
P1123	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Phf7 As A Critical Driver Of Adult Cardiac Reprogramming	Glynnis A Garry, UT Southwestern Medical Ctr, Dallas, TX; Kenian Chen, Huanyu Zhou, Tenaya Therapeutics, S San Fran, CA; Hisayuki Hashimoto, Keio Universtiy Sch of Med, Shinjuku, Japan; Svetlana Bezprozvannaya, UTSW Medical Ctr, Dallas, TX; Ning Liu, UT Southwestern Medical Ctr, Dallas, TX; Rhonda S Bassel-Duby, UT SOUTHWESTERN MEDICAL CENTER, Plano, TX; Eric N Olson, UNIV TEXAS SOUTHWESTERN MED CTR, Dallas, TX

P1124	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Immunosuppression Drug Mediated Cardiovascular Effects	Ryan Dexheimer, Stanford Sch of Med, Mountain view, CA; Dilip Thomas, Stanford Univ, Palo Alto, CA; Sadhana Gaddam, Stanford Univ, Palo Alto, CA, Sunnyvale, CA; Aly Elezaby Jr., Stanford Univ, Stanford, CA; Ian Y Chen, Stanford, VA Palo Alto, Palo Alto, CA; Kevin Wang, Stanford Univ SOM, Stanford, CA; Nazish Sayed, Stanford Univ, Stanford, CA; Karim Sallam, Stanford Sch of Med, Stanford, CA
P1125	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Development Of A Multicellular Sinoatrial Node Organoid For Modeling Robust Pacemaking And Conduction	Young Hoon Son, Christina Sheng, Tucker, GA; Hee Cheol Cho, Sung-Jin Park, Emory Univ,, Atlanta, GA
P1126	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	A Direct Comparison Of Cardiomyocyte Maturation In Vivo And In Vitro At Single Cell Resolution	Elaine Zhelan Chen, Johns Hopkins Univ, Baltimore, MD; Suraj Kannan, Baltimore, MD; Renjun Zhu, Jason Guo, Johns Hopkins Univ, Baltimore, MD; Chulan Kwon, John Hopkins Univ, Baltimore, MD
P1127	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Induced Pluripotent Stem Cell-derived Macrophages Modulate Human Engineered Cardiac Tissue Function	Roberta I Lock, Pamela L Graney, Naveed Tavakol, Trevor Nash, Eloy Sanchez, Gordana Vunjak-Novakovic, Columbia Univ, New York, NY
P1128	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	CRISPR-mediated Activation Of DLK1 Induces A Regenerative State In Engineered Human Myocardium	Branimir Berecic, Niklas Bader, Anastasia Rika, Univ Medical Ctr, Goettingen, Germany; Eric Schoger, Univ of Goettingen, Goettingen; Eric Buchholz, Stephan von Haehling, UMG, Goettingen, Germany; Laura C Zelarayan, UNIVERSITY OF GOETTINGEN, Goettingen; Christoph Dieterich, UNIVERSITY OF GOETTINGEN, Goettingen, Heidelberg; Karl Toischer, Georg August Univ, G?ttingen; Wolfram H Zimmermann, UNIVERSITY MED CTR GOETTINGEN, Goettingen; Malte Tiburcy, UNIVERSITY MEDICAL CENTER, Goettingen, Germany

P1129	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Directing Revascularization In Vivo With Local Controlled Release Of An Optimized Angiogenic Growth Factor Cocktail	Alicia Minor, Brown Univ, Providence, RI; Stephanie Roser, Brown Univ, Florham Park, NJ; Rajeev Kant, Keyana Zahiri, Brown Univ, Providence, RI; Collin Polucha, North Smithfield, RI; Kareen L Coulombe, Brown Univ, Providence, RI
P1130	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Enhanced Electrophysiological Maturation Of Human Pluripotent Stem Cell Derived Cardiomyocytes By An Optimal Combination Of Metabolic Modulators	Naoto Muraoka, Kris Alavattam, Xiulan Yang, Hans Reinecke, Jordan Klaiman, Charles Murry, Univ of Washington, Seattle, WA
P1131	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Epicardially-secreted Fibronectin Promotes Hesc-cardiomyocytes' Maturation In 3d-engineered Heart Tissues.	Lay Ping Ong, Johannes Bargehr, Univ of Cambridge, Cambridge, United Kingdom; Vincent Knight-Schrijver, Cambridge; Jonathan Lee, Semih Bayraktar, Univ of Cambridge, Cambridge; Maria Colzani, Cambridge; Silvia Marchiano, Alessandro Bertero, Charles Murry, Univ of Washington, Seattle, WA; Laure Gambardella, Hinxton; Sanjay Sinha, Univ of Cambridge, Cambridge
P1132	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Mettl3 Induced Fibronectin M6a Mrna Methylation Facilitates Cardiac Fibrosis Following Myocardial Ischemia	Roshan Kumar Dutta, UAB, Birmingham, AL; Prabhat Ranjan, Karen Colin, Vasundhara Pathak, UAB, Birmingham, AL; qinkun zhang, Univ of Alabama at Birmingham, Birmingham, AL; Hind Lal, UAB, Birmingham, AL; Suresh K Verma, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1133	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Bmal1 Drives Postnatal Cardiac Hypertrophy Via Circadian Chromatin Remodeling Of The Pro-hypertrophic Gene Sik1	Adrian Arrieta, UCLA, Los Angeles, CA; Douglas Chapski, UCLA DEPT OF ANESTHESIOLOGY, Los Angeles, CA; Anna Reese, UCLA DEPT OF ANESTHESIOLOGY, Los Angeles, CA, Seattle, WA; Manuel Rosa-Garrido, UAB, Birmingham, AL; Thomas M Vondriska II, UCLA, Los Angeles, CA

P1134	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	RNA Elongation Mediates Rapid Induction Of Gene Expression During Endothelial-to-mesenchymal Transition	Karoline Elizabeth Kokot, Julian Hoba, Stephan Erbe, Michael Andritschke, Klinik und Poliklinik für Kardiologie, Univsklinikum Leipzig, Leipzig, Germany; Bilal N Sheikh, Helmholtz Inst for Metabolic, Obesity and Vascular Res (HI-MAG) of the Helmholtz Zentrum München at the Univ of Leipzig and Univ Hosp Leipzig, Leipzig, Germany; Ulrich Laufs, Univ Clinic Leipzig, Leipzig; Jes-Niels Boeckel, Univ Hosp Leipzig, Leipzig
P1135	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Gene Expression Analysis Of Glycemic Memory In Heart Failure	Sayan Bakshi, Univ of Alabama at Birmingham, Birmingham, AL; Adam R Wende, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1137	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Novel Transcriptomic Interactions In Human Cardiomyopathic Heart Failure	Gina Qualter, Viswanathan Rajagopalan, New York Inst of Technology Coll of Osteopathic Med at A-State, Jonesboro, AR; Kenneth S Campbell, Div of Cardiovascular Med, Univ of Kentucky, Lexington, KY, Lexington, KY
P1138	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Transcriptomic Insights Into How Previously Increased Cardiac Protein O-GlcNAcylation Enhances Susceptibility To Cardiac Dysfunction In A Response To Pressure-Overload	Samuel Formosa Chang, UAB Heersink Sch of Med, Birmingham, AL; Chae-Myeong Ha, Univ of Alabama at Birmingham, Birmingham, AL; Manoja Brahma, Univ of Alabama at Birmingham, Birmingham, AL, Nottingham; Luke Potter, Univ of Alabama Birmingham, Birmingham, AL; Sayan Bakshi, Univ of Alabama at Birmingham, Birmingham, AL; John C Chatham, UNIVERSITY ALABAMA BIRMINGHAM, Birmingham, AL; Adam R Wende, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1139	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Remodeling Chromatin Structure To Induce And Reverse Heart Failure	Manuel Rosa-Garrido, Justin Bridges, UAB, Birmingham, AL; Douglas Chapski, UCLA DEPT OF ANESTHESIOLOGY, Los Angeles, CA
P1140	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Acute Mechanosensitive Adaptation To Phenylephrine In Cardiomyocytes And Fibroblasts	Todd H Kimball, UCLA, Los Angeles, CA; Tatiana Gromova, UCLA, Los Aeles, CA; Douglas Chapski, UCLA DEPT OF ANESTHESIOLOGY, Los Angeles, CA; Thomas M Vondriska II, UCLA, Los Angeles, CA

P1141	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Molecular Insights Into The Phenotypic Heterogeneity Observed In Two Different Murine Models Of Hypertrophic Cardiomyopathy (HCM)	Tilo Thottakara, Univ of California, San Francisco, San Francisco, CA; Carlin S Long, DENVER HEALTH MEDICAL CENTER, San Francisco, CA; Arun Padmanabhan, Jeffrey Olgin, M Roselle Abraham, UCSF, San Francisco, CA
P1142	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Environmental Regulation Of LncRNAs In Human Congenital Heart Defects	John Hwang, UCLA David Geffen Sch of Med, Los Angeles, CA; Kang Xuedong, Marlin Touma, UCLA DAVID GEFKEN SCHOOL MEDICINE, Los Angeles, CA
P1143	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Med12 “Mediates” Transcriptional Regulation In The Heart	Dominic Kolonay, The Ohio State Univ, Columbus, OH; Kedryn K Baskin, The Ohio State Univ COM, Columbus, OH
P1144	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Single-cell RNA-Sequencing Of The Murine Cardiac Conduction System Reveals Transcriptional Regulators Associated With Conduction Development And Disease	Benjamin Beyersdorf, Technical Univ Munich, Munich; Felix Atzert, Stanford Univ, Palo Alto, CA; Sean M Wu, STANFORD UNIVERSITY, Stanford, CA; William R Goodyer, Stanford Univ, SAN FRANCISCO, CA
P1145	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	All-in-one AAV CRISPR/dCas9VPR Vectors Enable Endogenous Gene Activation In Cardiomyocytes	Eric Schoger, Univ of Göttingen, Goettingen, Germany; Laura Stengel, Dominic Riedl, Univ of Regensburg, Regensburg, Germany; Lorenz H Lehmann, Univ of Heidelberg, Heidelberg, Germany; Rabea Hinkel, German Primate Ctr, Göttingen, Germany; Samuel Sossalla, Univ of Regensburg, Regensburg, Germany; Laura C Zelarayan, Univ of Göttingen, Goettingen, Germany
P1146	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Global Analysis Of Murine Cardiac Gene Program Regulated By Thyroid Hormone And Transcriptional Repressor Rest	Megan L Russell, Bingruo Wu, Pengfei Lu, Deyou Zheng, Albert Einstein Coll of Med, Bronx, NY; Bin Zhou, ALBERT EINSTEIN COLLEGE OF MEDICINE, Bronx, NY
P1147	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Cardinal Is A Nuclear Lncrna That Represses SRF/TCF-mediated Gene Transcription By Co-occupying SRF/TCF-bound Gene Promoters In The Heart	Jessica Perciaccante, Fnu Priyanka, Pornthida Poosala, Xiaorong Parks, Tamlyn Thomas, Douglas M Anderson, Univ of Rochester, Rochester, NY

P1148	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Glucocorticoid Receptor - Klf9 Axis Regulates Cardiomyocyte Metabolic Homeostasis	Chandni Thakkar, RUTGERS- NJMS, Newark, NJ; Saleena Alikunju, Rutgers Univ, Newark Campus, Newark, NJ; Wajiha Rizvi, Ali Abbas, Zhi Yang, Danish H Sayed, RUTGERS- NJMS, Newark, NJ
P1149	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Junctophilin-2 Promotes Cardiomyocyte Survival By Blocking Murf1-mediated Junctin Ubiquitination And Proteasome-dependent Degradation	Xiaoyun Ji, Yifan Huang, Rui Ni, Canada; Guo-Chang Fan, UNIVERSITY OF CINCINNATI, Cincinnati, OH; Dong Zheng, Soochow Univ, Suzhou, China; Douglas L Jones, Western Univ, London, ON, Canada; Long-Sheng Song, UNIVERSITY OF IOWA, Iowa City, IA; Subrata Chakrabarti, Zhaoliang Su, Tianqing Peng, Western Univ, London, ON, Canada
P1150	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Integrative Transcriptomics And Cell Systems Analyses Reveal Protective Pathways Controlled By Igfbp-3 In Anthracycline-induced Cardiotoxicity	Junjie Chen, Univ of California, Los Angel, Los Aeles, CA; Jerome Awada, Mackram Hassanieh, Univ of California, Los Angel, Los Aeles, CA; Rene R Packard, UCLA, Glendale, CA
P1151	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Exploring The Role Of Bh3-like Motif Containing Cell Death Inducer In Cardiomyocyte Death: Insights From Human Failing Hearts And Ipsc-derived Cardiomyocytes	Praveen Kumar Dubey, Sarojini Singh, Univ of Alabama at Birmingham, Birmingham, AL; Lei Ye, Steven pogwizd, UAB, Birmingham, AL; Jianyi J Zhang, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmiham, AL; Prasanna Krishnamurthy, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1152	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Molecular Regulation Of Ferroptosis In The Type 1 Diabetic Heart	Flobater I. Gawargi, UNMC, omaha, NE
P1153	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	ANT-Dependent MPTP Contributes To Necrotic Myofiber Death In Muscular Dystrophy	Michael J Bround, Julian Havens, Allen York, Michelle Sargent, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Jeff D Molkentin, CHILDRENS HOSPITAL MED CTR, Cincinnati, OH
P1154	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Loss Of Bcl-Rambo Is Protective Against Ischemia-Reperfusion Injury	Arielys Mendoza, Jason Karch, Pooja J Patel, Dexter Robichaux, Baylor Coll of Med, Houston, TX

P1155	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	P62 Overexpression Rescues Defective Autophagy Flux In Cardiomyocytes Deficient In P21 Activated Kinase 1	Shawn Geffken, NYIT Coll of Osteopathic Med, Old Westbury, NY; Tint TR Wun, Anoushka Guha, Pooja Jaiswal, Kinza Ahmed, Caleb Sooknanan, Tamayo Kobayashi, NYIT COLLEGE OSTEOPATHIC MEDICINE, Old Westbury, NY; Satoru Kobayashi, New York Inst of Technology, Old Westbury, NY; Qiangrong Liang, NYIT COLLEGE OSTEOPATHIC MEDICINE, Old Westbury, NY
P1156	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Potential Role Of Ferroptosis In Duchenne Muscular Dystrophy-associated Cardiomyopathy	Nadezhda Fefelova, Rutgers, The State Univ of Ne, Newark, NJ; Satvik Mareedu, Rutgers Univ - NJMS, Newark, NJ; Sri Harika Pamarthi, Rutgers-New jersey Medical Sch, Newark, NJ; Gopal J Babu, RUTGERS-NJMS, Newark, NJ; Judith K Gwathmey, Rutgers-New Jersey Medical Sch, Newark, NJ; Lai-Hua Xie, RUTGERS-NEW JERSEY MEDICAL SCHOOL, Newark, NJ
P1157	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Perinuclear Damage From Nuclear Envelope Deterioration Elicits Stress Responses That Contribute To <i>Lmna</i>Cardiomyopathy	Kunal Sikder, RKMVERI, Howrah, India; Elizabeth Phillips, New York, NY; Jasmine Saunders, New York, NY, Willow Grove, PA; David Mothy, Jason C Choi, Thomas Jefferson Univ, Philadelphia, PA
P1158	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Glucolipototoxicity Curtails Mitophagy In Cardiomyocytes	Younghee Hahn, Hongling Chen, Nidhi Banker, Srinidhi Gadula, Pravin Vathappallil, Brett Silverstein, Jennifer Van, New York Inst of Technology, Old Westbury, NY; Tamayo Kobayashi, NYIT Coll Osteopathic Med, Glen Cove, NY; Ziyang Zhang, The Second Xiangya Hosp, Central South Univ, Changsha, China; Yuan Huang, New York Inst of Technology, Old Westbury, NY; Qiangrong Liang, NYIT COLLEGE OSTEOPATHIC MEDICINE, Old Westbury, NY; Satoru Kobayashi, New York Inst of Technology, Old Westbury, NY

P1159	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Association Of Membrane Ferritin Transporter And Transferrin Receptor Plasma Levels With Coronary Atherosclerosis	Jia Li, Changsha Central Hosp, Univ of South China, Changsha, China; Rayaan Yunus, Beth Israel Deaconess Ctr, Westborough, MA; Faraz Mahmood, BIDMC, Bodton, MA; Yifan Bu, BIDMC, Boston, MA; Dan Song, Changsha Central Hosp, Univ of South China, Changsha, China; Robina Matyal, Beth Israel Deaconess Medical, Boston, MA; Hebin Xie, Yiping Leng, Ping Deng, Changsha Central Hosp, Univ of South China, Changsha, China; Qiaoqing Zhong, BIDMC, Boston, MA
P1160	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Genome-wide CRISPR Screen Reveals Genetic And Small Molecule Modifiers Of Ca ²⁺ -mediated Cell Death	Oscar Reyes Gaido, Johns Hopkins Univ, Baltimore, MD; Jonathan Granger, Johns Hopkins, Baltimore, MD; Kate Schole, Elizabeth D Luczak, Johns Hopkins Univ, Baltimore, MD
P1161	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Interferon Hyperactivity Impairs Cardiogenesis In Down Syndrome Via Downregulation Of Canonical Wnt Signaling	Kunhua Song, Univ of Colorado Sch of Me, Aurora, CO; Congwu Chi, Univ of Colorado Anschutz, Aurora, CO
P1162	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Nedd4-2 Inactivation Underlies The Increase In Cardiac Sodium-dependent Glucose Cotransporter-1 In Diabetic Hearts	Vivek K Pandey, Sathya Velmurugan, Univ of Kentucky, Lexington, KY; Sanda Despa, UNIVERSITY OF KENTUCKY, Lexington, KY
P1163	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Identifying Novel Intracellular Interactions Driving Membrane-bound Tumour Necrosis Factor-mediated Signalling In The Microvasculature	Yasaman Mostafaie, Univ of Toronto, Toronto, ON, Canada; Julia Hanchard, Qanatpharma Canada Ltd., Toronto, ON, Canada; Darcy Lidington, Steffen-Sebastian Bolz, Univ of Toronto, Toronto, ON, Canada
P1164	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Elevated Erk1/2 Signaling Contributes To The Development Of Diabetic Cardiomyopathy	Ruijie Liu, Grand Valley State Univ, Allendale, MI

P1165	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Gut Microbial Peptide Induced Cardiac Inflammation Via Cyclin Dependent/NFkB Signaling In Macrophages	Prabhat Ranjan, Univ of Alabama at Birmingham, Birmingham, AL; Roshan Dutta, UAB, Birmingham, AL; Karen Colin, Craig Maynard, Univ of Alabama at Birmingham, Birmingham, AL; Suresh K Verma, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P1166	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	O-GlcNAcylation Regulates Protein Synthesis In Cardiomyocytes Through Effects On The Translational Regulator Eif2 α	Kyriakos Papanicolaou, Jessica Jung, Wenxi Zhang, Deepthi Ashok, D.Brian Foster, Brian O'Rourke, JOHNS HOPKINS UNIVERSITY SOM, Baltimore, MD; Natasha Zachara, Johns Hopkins Univ Sch, Baltimore, MD
P1168	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Hippo Signaling Interacts With Tgfb Pathway To Regulate Pacemaker Cell State And Fibrosis In The Sinoatrial Node	Mingjie Zheng, UT Health Houston, Houston, TX; Xiao Li, Texas Heart Inst, Houston, TX; Jun Wang, UTH McGovern Medical Sch, Houston, TX
P1169	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	BubR1 Regulates Cardiac Development Through CamkII<i>In Vivo</i>	Renju Pun, Sylar Takafuji, Rexton Suzuki, Aradhana Thapa, Creighton Univ, Omaha, NE; Michael H Kim, Creighton Univ Sch of Med, Omaha, NE; Brian North, Creighton Univ Sch of Med, Omaha, NE, Omaha, NE
P1170	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Changes In Endothelin Signaling In A Long-term Rat Coronary Culture Resembles Chronic Coronary Syndrome	Spyridoula Kazantzi, Lars Edvinsson, Kristian A Haanes, Rigshospitalet Glostrup, Glostrup, Copenhagen, Denmark
P1171	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Golgi Localized DHHC3 And DHHC7 Contribute To The Initiation Of The Cardiac Hypertrophy Response In Vivo	Tanya A Baldwin, Cincinnati Children's Hosp, Cincinnati, OH; Matthew J Brody, Univ of Michigan, Ann Arbor, MI; Yasuhide Kuwabara, Cincinnati Children's Hosp, Cincinnati, OH; Weiqi Zhang, Univ of Münster, Münster, Germany; Jeffery D Molkentin, CHILDRENS HOSPITAL MED CTR, Cincinnati, OH
P1172	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Shear-mediated Remodeling Of Platelet Surface Glycosylation: How Can Platelets Trim Their Sugar Coats?	Yana Roka-Moia, Sabrina Lewis, Dept of Med, Univ of Arizona, Tucson, AZ; Joseph E. Italiano, Brigham and Women's Hosp, Harvard Medical Sch, Boston, MA; Marvin J. Slepian, Dept of Med, Univ of Arizona, Tucson, AZ

P1173	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Deciphering CITED4-dependent Signaling In The Heart Through Nascent Proteomics And Secretomics	Vivien Knobloch, Philipp Schlegel, Leandra Lust, Univ Hosp Heidelberg, Heidelberg, Germany; Karim Aljakouch, German Cancer Res Ctr, Heidelberg, Germany; Chiara Hess, Univ Hosp Heidelberg, Heidelberg, Germany; Tim Christian Kuhn, Univ Hosp Heidelberg, Heidelberg, Germany, 69120; Vassilios J Bezzerides, BOSTON CHILDRENS HOSPITAL, Boston, MA; Sonja Mittag, BOSTON CHILDRENS HOSPITAL, Boston, MA, Heidelberg; Mani Roshan, Univ Hosp Heidelberg, Heidelberg, Germany; Norbert Frey, Univ Hosp Heidelberg, Heidelberg, Germany, Heidelberg; Anthony Rosenzweig, Massachusetts General Hosp, Boston; Carolin Lerchenmüller, Univ Hosp Heidelberg, Heidelberg, Germany
P1174	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Nicotine Alters PHLPP Isoforms In The Heart To Increase Susceptibility To Injury	Khaja Shameem Mohammed Abdul, Alyssa Guerrero, Amogh Kulkarni, Tan Nguyen, Nicole H Purcell, HMRI, Pasadena, CA
P1175	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Involvement Of Fak In Murine Model Of Aortic Dissection	Ryohei Majima, KURUME UNIVERSITY, Kurume, Japan; Hiroki Aoki, KURUME UNIVERSITY, KURUME, Japan; ryou shibata, eichi nakao, Yohei Hashimoto, Souhei Ito, Makiko Hayashi, KURUME UNIVERSITY, Kurume, Japan; Satoko Ohno, Kurume Univ, Kurume, Japan; Yoshihiro Fukumoto, KURUME UNIVERSITY, Kurume, Japan
P1176	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	What Is The Nature Of The Hypertrophic Response Contributing To Pregnancy-induced Cardiac Growth And Its Reversal?	Helen E Collins, Emily Schulman, Univ of Louisville, Louisville, KY

P1178	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	APOE-NOTCH Axis Governs Elastogenesis During Human Cardiac Valve Remodeling	Ziyi Liu, Cincinnati, OH; Yu Liu, Stanford, CA; Zhiyun Yu, Cincinnati Childrens Hosp, Cincinnati, OH; Nicole Pek, Anna O'Donnell, Cincinnati Children's Hosp, Cincinnati, OH; Ian Glass, Univ of Washington, Seattle, WA; Minzhe Guo, Univ of Washington, Seattle, WA, Cincinnati, OH; Ya-Wen Chen, Joseph Wu, Icahn Sch of Med, New York, NY; Katherine E Yutzey, Cincinnati Children's Medical Cente, Cincinnati, OH; Yifei Miao, Mingxia Gu, Cincinnati Children's Hosp, Cincinnati, OH
P1179	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Evaluation Of A Machine Learning-based Metabolic Marker For Coronary Artery Disease In The UK Biobank	Kyle M Gibson, Icahn Sch of Med at Mount Sinai, New York, NY; Iain Forrest, Mount Sinai, New York, NY; Ben O Petrazzini, Aine Duffy, Joshua K Park, Icahn Sch of Med at Mount Sinai, New York, NY; Ghislain Rocheleau, New York, NY; Daniel Jordan, Icahn Sch of Med at Mount Sinai, New York, NY; Ron Do, MOUNT SINAI, New York, NY
P1180	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Multi-scale Imaging And Analysis To Elucidate Cardiac Structure And Contractile Function	Yichen Ding, Milad Almasian, Xinyuan Zhang, Vinay Kadam, Jie Yuan, UT Dallas, Richardson, TX
P1181	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Targeted Loss Of Sarcolemmal Membrane Associated Protein Isoform 3 (slmap3) In Cardiac Progenitors Stunts The Embryonic Growth Of Myocardium	Taha Rehmani, Ana Dias, Maysoon Salih, Balwant Tuana, Univ of Ottawa, Ottawa, ON, Canada

P1182	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	The Genetic Dissection Of <i>Rpl31</i> As A Causal Gene For Neonatal Dilated Cardiomyopathy And Left Ventricular Noncompaction	Buyan-Ochir Orgil, UTHSC, Memphis, TN; Qingqing Gu, UNIVERSITY OF TENNESSEE HEALTH SCIE, Memphis, TN; Hugo Martinez, Le Bonheur Children's Hosp, Memphis, TN; Akhilesh Bajpai, Mohammed Absi, UNIVERSITY OF TENNESSEE HEALTH SCIE, Memphis, TN; Kaitlin Ryan, Memphis, TN; Neely Alberson, Memphis, TN, Olive Branch, MS; Lu Lu , Univ of Tennessee, Memphis, Memphis, TN; Jeffrey A Towbin, Le Bonheur Children's Hosp, Memphis, TN; Enkhsaikhan Purevjav, UNIVERSITY OF TENNESSEE HEALTH SCIE, Memphis, TN
P1183	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Phosphorylation Signatures Of Human Heart Failure: Characterizing Dilated Cardiomyopathy-associated Signaling Pathways At The Cardiomyocyte Intercalated Disc	Cristine J Reitz , Marjan Tavassoli, Da Hye Kim, Univ of Toronto, Toronto, ON, Canada; Saumya Shah, Univ of Alberta, Edmonton, AB, Canada; Robert Lakin, York Univ, Toronto, ON, Canada; Allen Teng, Yu-Qing Zhou, Wenping Li, Sina Hadipour-Lakmehsari, Univ of Toronto, Toronto, ON, Canada; Peter Backx, York Univ, Toronto, ON, Canada; Andrew Emili, BOSTON UNIVERSITY, Boston, MA; Gavin Y Oudit, Univ of Alberta, Edmonton, AB, Canada; Uros Kuzmanov, Univ of Toronto, Toronto, ON, Canada; Anthony Gramolini, UNIVERSITY TORONTO-TBEP, Toronto, ON, Canada
P1184	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Spatiotemporal Proteomics Approach To Discern New Features Of Carfilzomib-mediated Cardiotoxicity	Jordan Currie , Vyshnavi Manda, Veronica Hidalgo, Robert W Ludwig, Univ of Colorado Sch of Med, Denver, CO; Maggie P Lam, Univ of Colorado AMC, Aurora, CO; Edward Lau, Univ of Colorado SOM, Aurora, CO

P1185	7/31/2023 4:30:00 PM	7/31/2023 7:00:00 PM	Spatial Transcriptome Profiling In The Mouse Heart With Single-Cell Resolution	Yuening Liu, Salk Inst for Biological Studies, La Jolla, CA; Annabelle Coles, Univ of San Diego, La Jolla, CA; Abigail Neiningger-Castro, Salk Inst for Biological Studies, La Jolla, CA; Julia Rune, KTH Royal Inst of Technology, Stockholm, Sweden; Richard T Lee, Harvard Univ, Cambridge, MA; Pallav Kosuri, Salk Inst for Biological Studies, La Jolla, CA
P2001	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Deficiency Of Claudin-5 Leads To Myocardial Atrophy And Dilation In Mouse Heart With Severe Mitochondrial Dysfunction And Electrical Dissociation	Tao Luo, Baihe Chen, Zhuhai Campus of Zunyi Medical Univ, Zhuhai, China; Haiqiong Liu, Xianbao Wang, Southern Medical Univ, Guangzhou, China; Ahmed Abdel-Latif, Univ of Kentucky, Lexington, KY; Jin Kuyng Kim, Univ of California Irvine Medical Ctr, Irvine, CA; Masafumi Kitakaze, Hanwa Memorial Hosp, Osaka, Japan
P2002	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Variability In The Relationship Between Heart Rate And Automatic Breathing Rate Throughout The Mouse Lifespan	Suri Gime, Natl Inst of Aging, Baltimore, MD; Ismayil Ahmet, NIH, Baltimore, MD; Christopher Morrell, NIA, Parkville, MD; Edward G Lakatta II, Natl Inst on Aging, Baltimore, MD
P2003	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Cardiomyocyte Polyploidy: Friend Or Foe?	Archan Chakraborty, Duke Univ, Durham, NC; Matthew Wolf, Univ of Virginia, Charlottesville, VA; Donald Fox, Duke Univ, Durham, NC
P2004	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	T Lymphocytes Promote Diastolic Dysfunction And Fibrosis In A Non-Hypertensive Angiotensin II Mouse Model Of Heart Failure	Michelle Minna Kim, Univ of Virginia, Charlottesville, VA; Eleonora Mezzaroma, Virginia Commonwealth Univ, Richmond, VA; Nadia Martinez Naya, Univ of Virginia, Charlottesville, VA; Adolfo Gabriele Mauro, Virginia Commonwealth Univ, Richmond, VA; Pilar Alcaide, TUFTS UNIVERSITY SCHOOL MEDICINE, Boston, MA; Antonio Abbate, Stefano A Toldo, Univ of Virginia, Charlottesville, VA

P2005	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mechanosensitive Piezo-1 Channel Aggravates Ischemia Induced Adverse Cardiac Remodeling And Dysfunction	Prachi Umbarkar, Sulivette Ruiz Ramirez, Suma Ejantkar, Sultan Tousif, Angelica Toro Cora, Univ of Alabama at Birmingham, Birmingham, AL; Cristi L Galindo, Pittsburgh Heart, Lung and Blood Vascular Med Inst, Pittsburgh, PA; Qinkun Zhang, Hind Lal, Univ of Alabama at Birmingham, Birmingham, AL
P2006	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Cardiac Cytoskeleton Sequesters Acetylated Yap In The Cytoplasm To Inhibit Cardiomyocyte Renewal After Myocardial Infarction	Shijie Liu, Cincinnati Children's Hosp, Cincinnati, OH; Vaibhav Deshmukh, Fansen Meng, Baylor Coll of Med, Houston, TX; Yidan Wang, Houston, TX; Yuka Morikawa, TEXAS HEART INSTITUTE, Houston, TX; Jeffrey Steimle, Rich Gang Li, Baylor Coll of Med, Houston, TX; Jun Wang, Texas Heart Inst, Houston, TX; James F Martin, BAYLOR COLLEGE OF MEDICINE, Houston, TX
P2007	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Novel Regulatory Axis In Heart-adrenal Cross Talk Mediated By Mtor-eprs	Tian Liu, Univ of Cincinnati, Cincinnati, OH; Ye Zhang, Junyi Yu, Univ of California, Los Angeles, CA; Shuxun Ren, DukeNUS Medical Sch, Singapore, Singapore; Cansheng Zhu, Univ of Cincinnati, Cincinnati, OH; Christoph D Rau, Univ of North Carolina-Chapel Hill, Chapel Hill, NC; Yibin Wang, DukeNUS Medical Sch, Singapore, Singapore; Chen Gao, Univ of Cincinnati, Cincinnati, OH
P2008	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Contractile Adaptation Of The Right Ventricular Myocardium In Pulmonary Hypertension	Rana Raza Raza Mehdi, Bryan, TX; Sunder Neelakantan, TAMU, College Station, TX; Eric Wang, TAMU, College Station, TX, Cranston, RI; Peng Zhang, OSRI at Providence VAMC, Providence, RI; Gaurav Choudhary, PROVIDENCE VAMC, BROWN UNIVERSITY, Providence, RI; Reza Avazmohammadi, Texas AM Univ, College Station, TX

P2008.1	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Association Of Myocardial Stiffening With Impaired Relaxation In A Diabetic Murine Model Of Left Ventricular Diastolic Dysfunction	Tanmay Mukherjee, Sunder Neelakantan, Texas A&M Univ, College Station, TX; Elizabeth Fugate, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Emilio Mendiola, Texas A&M Univ, College Station, TX; Aaron Burton, Univ of Cincinnati, Cincinnati, OH; Diana Lindquist, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Sakthivel Sadayappan, Univ of Cincinnati, Cincinnati, OH; Reza Avazmohammadi, Texas AM Univ, College Station, TX
P2009	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mice Lacking S-nitrosoglutathione Reductase (gsnor ^{-/-}), A Mouse Model Of Preeclampsia, Exhibit Abnormal Calcium Regulation And Cardiac Hypertrophy During Pregnancy.	Raul A Dulce, INTERDISCIPLINARY STEM CELL INST, Miami, FL; Wayne Balkan, Joshua M Hare, UNIVERSITY OF MIAMI, Miami, FL; Shathiyah Kulandavelu, UNIV MIAMI MILLER SCHOOL MED, Miami, FL
P2010	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Relationship between echocardiographic parameters and invasively measured left ventricular filling pressure in the persistent atrial fibrillation with preserved left ventricular systolic function	JIHUN AHN, Eulji Univ Daejeon Hosp, Daejeon, Korea, Republic of
P2011	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Reduced Activity Of Activin Like Kinase 1 (ALK1) Increases Mortality And Myocardial Rupture After Acute Myocardial Infarction	Shreyas Bhawe, Michele Esposito, Lija Swain, Xiaoying Qiao, Tufts Medical Ctr, Boston, MA; Gregory Martin, Tufts, Boston, MA; Kay Everett, Tufts Medical Ctr, Boston, MA; Navin K Kapur, TUFTS MEDICAL CTR, Boston, MA
P2012	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Development Of An <i>In Vitro</i> Assay To Model Loss Of Neighbor At The Infarct Border Zone	Rahul Sehgal, Univ of California - San Diego, Bellevue, WA
P2013	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Cardiac Remodeling, Amyloidosis, Neurotrophic Signaling, And Innervation Impairment In The Tg2576 Model Of Alzheimer's Disease	Andrea Elia, Rebecca Parodi-Rullan, Temple Univ, Philadelphia, PA; Rafael Vazquez-Torres, Ashley Carey, Temple Univ, Philadelphia, PA; Silvia Fossati, Lewis Katz Sch of Med, Philadelphia, PA

P2014	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Knockout Of Prostaglandin E2 Ep3 Receptor Improves Cardiac Function In Both Sexes In A Mouse Model Of Myocardial Infarction	Timothy Dean Bryson, Henry Ford Health, Detroit, MI; Shaheen Y Bhat, Henry Ford Health/Wayne State Univ, Detroit, MI; David Taube, Jiang Xu, Edward Peterson, Henry Ford Health, Detroit, MI; Pamela Harding, Henry Ford Health/Wayne State Univ, Detroit, MI
P2015	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Human Flii Gene Variant Shortens Sarcomeric Actin Thin Filament Length And Predisposes To Cardiomyopathy	Yasuhide Kuwabara, Allen York, Suh-chin Lin, Michelle Sargent, Kelly Grimes, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; James Pirruccello, Univ of California San Francisco, San Francisco, CA; Jeff D Molkentin, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH
P2016	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Extracellular Stiffness Induces Glucose Dysregulation Via Microtubule-dependent Mechanism	Alexia Vite, UPENN, Philadelphia, PA; Deborah Eaton, Univ of Pennsylvania, Philadelphia, PA; Nesrine Bouhrira, UPENN, Philadelphia, PA; Kenneth C Bedi Jr., UNIVERSITY OF PENNSYLVANIA, Philadelphia, PA; Kenneth B Margulies, UNIV PENNSYLVANIA SCH OF MEDICINE, Philadelphia, PA
P2018	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	In Vivo Imaging Of The Coronary Microcirculation Throughout The Contractile Cycle With Optical Coherence Tomography Angiography	Yirong Zhou, Junyoung Kim, Aaron D Aguirre, Massachusetts General Hosp, Boston, MA
P2019	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Diastolic Dysfunction In Alzheimer's Disease Is Associated With a β -Amyloid Aggregate Formation And Mitochondrial Dysfunction	Richa Aishwarya, LSUHSC-SHREVEPORT, Shreveport, LA; Chowdhury S. Abdullah, Naznin Sultana Remex, Sadia Nitu, LSUHSC-Shreveport, Shreveport, LA; Karen Stokes, LSUHSC-SHREVEPORT, Shreveport, LA; Md Shenuarin Bhuiyan, LSU Health Shreveport, Shreveport, LA

P2020	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Binding Of Filamin C With Actin Is Essential For Cardiac Development And Function	Xiaohai Zhou, UC San Diego, San Diego, CA; Xi Fang Jr., Univ of California, San Diego, La Jolla, CA; Sujay Subbayya N Ithychanda, CLEVELAND CLINIC, Cleveland, OH; Tongbin Wu, Univ of California San Diego, La Jolla, CA; Yusu Gu, UCSD, La Jolla, CA; Li Wang, Julius Bogomolovas, UC San Diego, San Diego, CA; Jun Qin, Cleveland Clinic, Cleveland, OH; Ju Chen, UC SAN DIEGO, La Jolla, CA
P2021	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Targeting Of Cdc42-interacting Protein 4 -calcineurin Signaling Complexes Is Cardioprotective During Ischemia/Reperfusion Injury	Anne-Maj Samuelsson, Yang Li, Jinliang Li, Michael S Kapiloff, Stanford Univ, Palo Alto, CA
P2022	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Ankyrin-R Isoforms Are Differentially Expressed In Cardiac Tissues Under Stress	Aaron D Argall, Holly Sucharski-Argall, Luke Comisford, Casey Crawford, Ohio State Univ, Columbus, OH; Thomas J Hund, THE OHIO STATE UNIVERSITY, Columbus, OH; Peter J Mohler, THE OHIO STATE UNIVERSITY MED CTR, Columbus, OH; Sara N Koenig, The Ohio State Univ, Columbus, OH
P2023	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mitogen-activated Protein Kinase-directed Modulation Of The Non-sarcomeric Actin Cytoskeleton In Cardiomyocytes	Kelly M Grimes, Stephanie LK Bowers, Casey O Swoboda, Douglas P Millay, Cincinnati Children's Hosp, Cincinnati, OH; Jeffery D Molkentin, CHILDRENS HOSPITAL MED CTR, Cincinnati, OH
P2024	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Myofibroblast Ccn3 Contributes To Adverse Cardiac Outcomes Following Myocardial Infarction	Michael A Flinn, Santiago Alvarez, Medical Coll of Wisconsin, Milwaukee, WI; Makenna Knas, Medical Coll of Wisconsin, Waukesha, WI; Caelan W Moreno, Sydney L Buday, Medical Coll of Wisconsin, Milwaukee, WI; Tyler Buddell, Medical Coll of Wisconsin, Shorewood, WI; Reiauna Taylor, Jenny Drnevich, Michaela Patterson, Medical Coll of Wisconsin, Milwaukee, WI; Caitlin Omeara, MEDICAL COLLEGE OF WISCONSIN, Milwaukee, WI

P2025	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Aminoacyl-trna Synthetase Complex-interacting Multifunctional Protein 3 (aimp3) Is A Key Regulator Of Cardiac Homeostasis	Anindhya S Das, Charles P Rabolli, Colton Martens, Federica Accornero, Ohio State Univ, Columbus, OH
P2026	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Moderate Ethanol Consumption Causes Right Ventricular Hypertrophy And Pulmonary Hypertension Via The Pro-inflammatory Endothelin-interleukin Pathway	Mary K Donovan, East Carolina Univ Brody Sch of Med, Greenville, NC; Abdel A Abdel-Rahman, EAST CAROLINA UNIV SCH MED, Greenville, NC
P2027	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Chronic β -Adrenergic Receptor Stimulation Exacerbates Left Ventricular Dilation And Myocardial Cell Death In Rgs2 Knockout Mice	Shelby Dahlen, Case Western Reserve Univ, Cleveland, OH
P2028	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Uncoupling Endothelial Trpv4 Mechanotransduction Attenuates Pressure Overload-induced Cardiac Hypertrophy Via Rho/yap/vegfr2 Mediated Coronary Cngiogenesis	Charles K Thodeti, Ravi K Adapala, Venkatesh Katari, Univ of Toledo, Toledo, OH; Vahagn A Ohanyan, Northeast Ohio Medical Univ, Rootstown, OH; Sailaja M Paruchuri, UNIVERSITY OF Toledo, Toledo, OH
P2029	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Ror2-mediated Proteostatic Disruption As A Novel Mechanism For Right Ventricular Failure	Jonathan J Edwards, Gen Uy, Children's Hosp of Philadelphia, Philadelphia, PA; Keita Uchida, Univ of Pennsylvania, Philadelphia, PA; Emily Scarborough, Perelman Sch of Med, UPenn, Philadelphia, PA; Yifan Yang, Jeff Brandimarto, Perelman Sch of Med, UPenn, Philadelphia, PA, Philadelphia, PA; Li Li, Nora Yucel, Univ of Pennsylvania, Philadelphia, PA; Benjamin Prosser, Zoltan Arany, Zolt Arany, Merion Station, PA
P2030	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Regulation Of Pathologic Cardiac Signaling Via Rac1 Palmitoylation	James P Teuber, Arasakumar Subramani, Sneha Dinda, Matthew Brody, Univ of Michigan, Ann Arbor, MI

P2031	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Myofibroblast-specific Smad7 Attenuates Fibrosis Of The Pressure-overloaded Heart By Inhibiting Mmp2-mediated Collagen Denaturation And By Restraining Macrophage Activation.	Claudio Humeres, Silvia C Hernandez-Velasco, Anis Hanna, Albert Einstein Coll of Med, New York, NY; Izabela Tuleta, Albert Einstein Coll of Cardiol, Bronx, NY; Harikrishnan Venugopal, Akihiko Kubota, Nikolaos Frangogiannis, Albert Einstein Coll of Med, New York, NY
P2032	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Wnt5a Mediates Doxorubicin-induced Cardiomyopathy Through Induction Of Senescence	Eun-Ah Sung, Junichi Sadoshima, RUTGERS NJMS, Newark, NJ
P2033	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Western Diet Can Cause Adverse Cardiac Remodeling During Pregnancy By Inducing Foxo1 Expression	Yijun Yang, Lewis Katz Sch of Med, Temp, Philadelphia, PA; Hajime Kubo, TEMPLE UNIVERSITY, Philadelphia, PA; Justin Kurian, Temple Univ Sch of Medicin, Philadelphia, PA; Jaslyn Johnson, Yijia Li, Lewis Katz Sch of Med, Philadelphia, PA; Rajika Roy, Temple Univ, Philadelphia, PA; Remus M Berretta II, TEMPLE UNIV SCH OF MED, Philadelphia, PA; Walter J Koch, TEMPLE UNIVERSITY SCHOOL MEDIC, Philadelphia, PA; Mohsin Khan, Temple Universty, Philadelphia, PA; Sadia Mohsin, Temple Univ, Philadelphia, PA; Steven R Houser, IMMEDIATE PAST President- AHA, Philadelphia, PA
P2034	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Minimally-invasive Porcine Model For The Study Of Cardiac Remodeling In Type 4 Cardiorenal Syndrome	Spyros A Mavropoulos, Icahn Sch of Med at Mount Sinai, New York, NY; Tomoki Sakata, New York, NY; Renata Mazurek, Mount Sinai Sch of Med, New York, NY; Anjali Ravichandran, Icahn Sch of Med at Mount Sinai, Millstone Township, NJ; Jonas Marx, Nikhil Raisinghani, Icahn Sch of Med at Mount Sinai, Millstone Township, NJ, New York City, NY; Susmita Sahoo, MOUNT SINAI SCHOOL OF MEDICINE, New York, NY; Kiyotake Ishikawa, ICAHN SCHOOL OF MEDICINE MOUNT SINA, New York, NY

P2035	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Rad Reduction Improves Heart Failure	<p>Jonathan Satin, UNIVERSITY OF KENTUCKY, Lexington, KY; Garrett Elmore, Brooke Ahern, Bryana Levitan, Univ of Kentucky, Lexington, KY; Jessica Miller, Louisville, KY; Riham Abouleisa, UNIVERSITY LOUISVILLE, Louisville, KY; Robert N Correll, Univ of Alabama, Tuscaloosa, AL; Alec Dupont, Yuan Wen, Andrea Sebastian, Univ of Kentucky, Lexington, KY; Erhe Gao, Lewis Katz Sch of Med at Temple Uni, Philadelphia, PA; Tamer Mohamed, Univ of Louisville, Louisville, KY; Douglas A Andres, UNIVERSITY OF KENTUCKY, Lexington, KY</p>
P2036	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	<p>Induced Pluripotent Stem Cell-Derived Cardiomyocytes Provide New Insights Of The Pathogenic Consequences Of The Novel Frameshift Variant <i>c.5769delG</i> In <i>MYH7</i> Gene</p>	<p>Sara Elshorbagy, Ayman M Ibrahim, Fiesal Mohamed, Aswan Heart Ctr-Magdi Yacoub Fndn, Aswan, Egypt; Jerome Fourre, Barrett Downing, Imperial Coll London, London, United Kingdom; Manar Osman, Hasnaa A. Elfawy, Mariam Fathy, Mona Allouba, Yasmine Aguib, Aswan Heart Ctr-Magdi Yacoub Fndn, Aswan, Egypt; Cesare M Terracciano, Imperial Coll London, London; Magdi Yacoub, Imperial Coll London, Middlesex</p>
P2037	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Bubr1 Is A Critical Regulator Of Cardiac Aging	<p>Renju Pun, Creighton Univ, Omaha, NE; Aradhana Thapa, Sylar Takafuji, Rexton Suzuki, Honolulu, HI; Michael H Kim, Brian North, Creighton Univ Sch of Med, Omaha, NE</p>
P2038	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Role Of The Microtubule Network In Right Ventricle Passive Viscoelasticity With Pulmonary Hypertension Development	<p>Kristen LeBar, Adam J Chicco, Zhijie Wang, Colorado State Univ, Fort Collins, CO</p>

P2039	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Alteration In Intercalated Disc Composition Impacts Cardiac Disease Progression	Janice Raabe, Konstantina Stathopoulou, Univ Medical Ctr Hamburg-Eppendorf, Inst of Experimental Pharmacology and Toxicology, Hamburg, Germany; Ilka Wittig, Goethe Univ, Cardiovascular Physiology, Frankfurt, Germany; Jens Fielitz, Molecular Cardiology and Muscular Proteostasis, Univ Med Greifswald, Greifswald, Germany; Friederike Cuello, Univ Medical Ctr Hamburg-Eppendorf, Inst of Experimental Pharmacology and Toxicology, Hamburg, Germany
P2040	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Pannexin 1 Activation Drives Neutrophil Recruitment In A Murine Model Of Non-ischemic Heart Failure Induced By Isoproterenol	Caitlin Marie Pavelec, Nabin Poudel, Univ of Virginia, Charlottesville, VA; Emily Orrell, Samantha Thomas, Hannah Luviano, Scott Yeudall, Univ of Virginia, Charlottesville, VA; Clint Upchurch, Univ of Virginia, Charlottesville, VA; Subramanian Senthivinayagam, Univ of Virginia, Charlottesville, VA; Matthew J Wolf, UNIVERSITY OF VIRGINIA, Charlottesville, VA; Norbert Leitinger, VIRGINIA UNIVERSITY, Charlottesville, VA
P2041	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Identification Of The Nuclear Localization Signal In RBM20 And Its Function In The Pathogenesis Of Dilated Cardiomyopathy	Yanghai Zhang, Zachery R Gregorich, Yujuan Wang, Camila Braz, Univ of Wisconsin-Madison, Madison, WI; Jibin Zhang, City of Hope Comprehensive Cancer Ctr, Duarte, CA; Yang Liu, The Univ of Texas at Tyler Health Science Ctr, Tyler, TX; Peiheng Liu, Nanyumuzi Aori, Univ of Wisconsin-Madison, Madison, WI; Timothy A Hacker, Univ of Wisconsin, Madison, WI; Henk L Granzier, UNIVERSITY OF ARIZONA, Tucson, AZ; Wei Guo, Univ of Wisconsin-Madison, Madison, WI

P2042	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Linking Extracellular Matrix Stiffness With Cardiomyocyte Structure And Function	Stephanie LK Bowers, Cincinnati Children's Hosp Med Ctr, Cincinnati, OH; Tanya Baldwin, Kelly Grimes, Cincinnati Children's Hosp, Cincinnati, OH; Allen York, Cincinnati children's hospital, Cincinnati, OH; Michelle Sargent, Yasuhide Kuwabara, Cincinnati Children's Hosp, Cincinnati, OH; Qinghang Meng, CCHMC, Cincinnati, OH; Anne Katrine Katrine Johansen, CCHMC, Cincinnati, OH, Cincinnati, OH; Jeff D Molkenstin, CHILDRENS HOSPITAL MED CTR, Cincinnati, OH
P2043	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Loss Of Full-length Mylk3 Causes Dilated Cardiomyopathy Via A Myl2-independent Mechanism	Jack Lawrence Williams, Christopher J Smith, Giulia Mastroianni, Queen Mary Univ of London, London, United Kingdom; Michelle Stewart, MRC Harwell, Didcot; Pedro Cutillas, MRC Harwell, Didcot, London; Andrew Tinker, MRC Harwell, Didcot, London, London; Lou Metherell, Queen Mary Univ of London, London, United Kingdom
P2044	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Silencing The LncRNA <i>Vesper</i> During Right Ventricle Pressure Overload Worsens Hypertrophic Remodeling And Function	Jordy M.M. Kocken, Maastricht Univ, Maastricht, Netherlands; Pedro Mendes-Ferreira, Univ of Porto, Porto, Portugal; Henry del Marmol, Tim Davalan, Raquel Figuinha Videira, Maastricht Univ, Maastricht, Netherlands; Adelino F Leite-Moreira, Fac. Med, Univ Porto, Porto; Paula A. da Costa Martins, Maastricht Univ, Maastricht, Netherlands
P2045	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Regulation Of Atrial Natriuretic Peptide Secretion By Palmitoylation And Modulation Of The Rab3a GTPase Cycle In Cardiac Myocytes	Kobina Essandoh, Arasakumar Subramani, James Teuber, Matthew Brody, Univ of Michigan, Ann Arbor, MI

P2046	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Role Of A Novel Alpha-crystallin B Chain Variant In Hypertrophic Cardiomyopathy	Chun Chou, Tufts MCRI, Boston, MA; Gregory Martin, Gayani Perera, Tufts, Boston, MA; Junya Awata, Robert M Blanton Jr., TUFTS MEDICAL CENTER, Boston, MA; Xuehong Cao, boston, MA; Audrey Tripp, Tina Phan, Abdullah Alissa, Tufts Medical Ctr, Boston, MA; Mossab Aljuaid, TUFTS MEDICAL CENTER, Boston, MA; Christopher Madias, Munther Homoud, Tufts Medical Ctr, Boston, MA; Jonas B Galper, TUFTS MEDICAL CENTER, Boston, MA; Michael T Chin, Tufts Medical Ctr, Boston, MA
P2047	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Fast Skeletal Myosin Binding Protein-C Expression Exacerbates Dysfunction In Heart Failure	Taejeong Song, Univ of Cincinnati, Cincinnati, OH
P2048	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	New Insights Into The Role Of The Glycocalyx Components In Heart Failure Induced By Pressure Overload.	Lakshmi Narasimha Thota, Univ of Arizona, Tucson, AZ; Simone Potje, Minas Gerais State Univ, Passos, Brazil; Lusiane Bendhack, Univ of Sao Paulo, Ribeirao Preto, Brazil; Joao Carvalho-de-Souza, Univ of Arizona, TUCSON, AZ; Andreia Chignalia, Univ of Arizona, Tucson, AZ
P2049	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Myosin Heavy Chain-7 E848G Mutation-induced Sarcopenia And Hypocontractility In Induced Pluripotent Stem Cell Model Of Hypertrophic Cardiomyopathy Are Rescued By Muscle Ring Finger 1 Ablation	Alexander M Loiben, Clayton E Friedman, Wei-Ming Chen, Kai Chun Yang, Univ of Washington, Seattle, WA
P2050	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mixed Lineage Kinase 3 Kinase Function Opposes Left Ventricular Hypertrophy And Transcriptional Activity Of Nuclear Factor Of Activated T Cells In The Cardiac Myocyte.	Loveth Raymond, Gregory Martin, Robert M Blanton Jr., TUFTS MEDICAL CENTER, Boston, MA

P2051	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Fibroblast-specific TGF- β Signaling Promotes Interstitial Fibrosis, Cardiomyocyte Hypertrophy And Cardiac Dysfunction In The Diabetic Heart Through Smad3 Activation	Izabela Tuleta, Albert Einstein Coll of Med, New York City, NY; Linda Alex, Hosp for Special Surgery, New York City, NY; Harikrishnan Venugopal, Claudio Humeres, Silvia C Hernandez, Akihiko Kubota, Anis Hanna, Nikolaos G Frangogiannis, Albert Einstein Coll of Med, New York City, NY
P2052	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Fibroblast-specific TGF- β Signaling Protects The Infarcted Myocardium From Adipose Tissue Infiltration	Izabela Tuleta, Harikrishnan Venugopal, Claudio Humeres, Silvia C Hernandez, Akihiko Kubota, Anis Hanna, Nikolaos G Frangogiannis, Albert Einstein Coll of Med, New York City, NY
P2053	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Bag5 Plays A Critical Role In The Regulation Of Cellular Homeostasis Through Fine-tuning Of Cellular Protein Quality Control	Avni Mukker, Shiridhar Kashyap, Div of Metabolic and Cardiovascular Sciences, Burnett Sch of Biomedical Sciences, Coll of Med, Univ of Central Florida, Orlando, FL, United States, Orlando, FL; Manish K Gupta, Div of Metabolic and Cardiovascular Sciences, Burnett Sch of Biomedical Sciences, Coll of Med, Univ of Central Florida, Orlando, FL
P2055	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Long-term Elevation Of Cardiomyocyte Protein O-GlcNAc Levels Induces Cardiac Hypertrophy And Reduced Mitochondrial Function With Preserved Systolic Contractility	Chae-Myeong Ha, Sayan Bakshi, Manoja Brahma, Univ of Alabama at Birmingham, Birmingham, AL; Luke Potter, Univ of Alabama Birmingham, Birmingham, AL; Samuel Chang, UAB Heersink Sch of Med, Birmingham, AL; John C Chatham, UNIVERSITY ALABAMA BIRMINGHAM, Birmingham, AL; Adam R Wende, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P2056	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Transcription Factor TFEB Protects Against Cardiac Hypertrophy By Increasing Lysosomal Capacity And Activating AMPK α	Subhajit Das Gupta, Daniel Daou, Herman May, Nan Jiang, Nicholas Nguyen, Anip Anand, Camila Iansen Irion, Valeria Garrido-Moreno, Francisco Olivares-Silva, UT Southwestern Medical Ctr, Dallas, TX; Abhinav Diwan, WASHINGTON U SCHOOL MED, Saint Louis, MO; Thomas G Gillette, Joseph A Hill, UT Southwestern Medical Ctr, Dallas, TX

P2057	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Role Of Cardiac Neurofibromin-2 In Chronic Pressure Overload	Satvik Mareedu, Yu Zhang, Wataru Mizushima, Rutgers Univ - NJMS, Newark, NJ; Jamie Francisco, Rutgers Biomedical Health Sciences, Newark, NJ; Jin Guan, Zhi Yang, Shinichi Oka, Peiyong Zhai, Maha Abdellatif, Rutgers Univ - NJMS, Newark, NJ; Dominic Del Re, RUTGERS, Newark, NJ
P2058	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mesenchymal Stem Cells Reduce Endothelin-1 Induced Hypertrophy In Hypoplastic Left Heart Syndrome Patients' Cardiomyocytes	Xuebin Fu, Lurie Children's Hosp, Chicago, IL
P2059	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Perm1 Regulates O-glcNacylation Of Pgc-1alpha In The Heart	KARTHI SREEDEVI, Shreya Yedla, James Amina, Sumaita Arowa, Riyan Shah, Sara Do, Breanna Goode, Sydney Bui, Katia Olmos, Fralin Biomedical Res Inst at Virginia Tech Carilion, Roanoke, VA; Alexey Zaitsev, Junco Warren, Virginia Tech, Roanoke, VA
P2060	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Gja1-20k Expression Increases With Left Ventricular Mechanical Unloading In Patients With Arrhythmogenic Cardiomyopathy And Advanced Heart Failure	Lindsey A Taylor, Steven Valdez, Christos Kyriakopoulos, Univ of Utah, Salt Lake City, UT; JING LING, Salt Lake City, UT; Craig Selzman, William Caine, Univ of Utah, Salt Lake City, UT; Stavros G Drakos, U OF U SCHOOL OF MEDICINE, Salt Lake Cty, UT; Robin M Shaw, Joseph Palatinus, Univ of Utah, Salt Lake City, UT
P2061	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Intersection Of O-GlcNAc And Yap - A Novel Molecular Axis In Heart Failure	Gabriel Lopez-Cecetaite, The Johns Hopkins Hosp, Baltimore, MD; Elizabeth Luczak, Johns Hopkins Univ, Baltimore, MD; Priya Umapathi, The Johns Hopkins Hosp, Baltimore, MD
P2062	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Distinct Stiffness-induced Mechanical Memory Induction And Maintenance In Cardiomyocytes And Cardiac Fibroblasts	NESRINE BOUHRIRA, Univ of Pennsylvania, Philadelphia, PA; Alexia Vite, Alexia Vite, Cherry Hill, NJ; Kenneth B Margulies, UNIV PENNSYLVANIA SCH OF MEDICINE, Philadelphia, PA

P2063	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Cellular Fusion Drives Polyploidization In Human Cardiomyocytes	Indu Sivankutty, Lucy Jung, August Yue Huang, Sarah Araten, Nazia Hilal, Christopher Walsh, Boston Children`s Hosp, Boston, MA; Eunjung Alice Lee, Ming Hui Chen, Sangita Choudhury, Boston Children's Hosp, Boston, MA
P2064	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Specialized Centrosome-Proteasome Axis Mediates Proteostasis And Influences Cardiac Hypertrophy	Jared M McLendon, Univ of Iowa, Iowa City, IA; Xiaoming Zhang, THE UNIVERSITY OF IOWA, Iowa City, IA; Ryan L Boudreau, UNIVERSITY OF IOWA, Iowa City, IA
P2065	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mice Under Transverse Aortic Constriction And Treated With Sodium Oxalate May Develop Cardiac Dysfunction	Amanda A Silva, Juliana R Marques, Bruno Nascimento-Carvalho, Leandro E Souza, Maikon B Silva, Acaris Benetti, Dunia Waked, Mariana M Veras, Faculdade de Medicina da Univ de São Paulo, São Paulo, Brazil; Maria C Irigoyen, HEART INSTITUTE, Sao Paulo, Brazil
P2066	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Forced Exercise Prevents Reductive Stress Induced Cardiomyocyte Remodeling And Cardiac Dysfunction	Arun Jyothidasan, Univ of Alabama at Birmingham, Birmingham, AL; Sini Sunny, Univ of Alabama, Birmiham, AL; Silvio Litovsky, Univ of Alabama at Birmingham, Birmingham, AL; Steven M Pogwizd, UNIVERSITY ALABAMA BIRMINGHAM, Birmingham, AL; Rajasekaran N Namakkal-Soorappan, Univ. Alabama at Birmingham, Birmingham, AL
P2067	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Loss Of Cardiomyocyte β 2 Spectrin Promotes Cardiac Dyad Dysfunction And Accelerated Heart Failure	Shane Shakar Scott, The Ohio State Coll of Med, Columbus, OH; Ethan Schwendeman, Columbus, OH; Anna Matzko, Jeffrey Tonniges, Columbus, OH, Columbus, OH; Neil Schwieterman, Mohamed Derbala, Sakima A Smith, The Ohio State Univ, Columbus, OH

P2068	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	β -spectrin/stat3 Are Responsible For Concentric Versus Eccentric Cardiac Hypertrophy	Drew Nassal, Ohio State Univ, Columbus, OH; Shivangi Mohta, Columbus, OH; Nehal Patel, ZOLL Medical, Columbus, OH; Xianyao xu, ZOLL Medical, Columbus, OH, Columbus, OH; Mei Han, ZOLL Medical, Columbus, OH, Columbus, OH, Powell, OH; Arnav Divekar, Ohio State Univ, Columbus, OH; Nicholas Leahy, massachusetts general hospital, Byfield, MA; Peter J Mohler, THE OHIO STATE UNIVERSITY MED CTR, Columbus, OH; Thomas J Hund, THE OHIO STATE UNIVERSITY, Columbus, OH
P2070	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Microprotein Another-Regulin Regulates Serca2a In Response To Neurohormonal Signaling	Keira Hassel, Aaron Gibson, Cat A Makarewich, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH
P2071	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mutation-Specific Calmodulin-Kinase II Activation In Hypertrophic Cardiomyopathy	Garrett T Hauck, Matthew Klass, Jil C Tardiff, Univ of Arizona, Tucson, AZ
P2072	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Chronic Treatment With An Androgen Receptor Antagonist Promotes Maladaptive Structural And Functional Cardiac Remodeling In Aging Male Mice	Shubham Banga, Susan E Howlett, Dalhousie Univ, Halifax, NS, Canada
P2073	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Hyperbaric Oxygen Therapy Protects The Myocardium From Reductive Stress-induced Proteotoxic Remodeling	Sini Sunny, Univ of Alabama, Birmingham, AL; jennifer Houg, Univ of Utah, Salt Lake City, UT; Shibu Navaneeth, Sayed Aniq, Afortude John Kofi, Univ of Alabama, Birmingham, AL; Rajasekaran N Namakkal-Soorappan, Univ. Alabama at Birmingham, Birmingham, AL
P20744	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Site-specific Phosphorylation Of Vinculin Regulates N-cadherin Junction Assembly	Glenn Radice, Brown Univ Rhode Island Hosp, Providence, RI; Xiaofei Li, Rhode Island Hosp, Providence, RI; Rainy Wortelboer, Callie McLain, Brown Univ Rhode Island Hosp, Providence, RI

P2075	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Effects Of Maternal Psychosocial Stress During Pregnancy On Offspring Heart Health	Sarah L Sturgill, Mark T Ziolo, Lackritz E Taryn, The Ohio State Univ, Columbus, OH
P2076	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Disrupting Nicotinamide Nucleotide Transhydrogenase Prevents Cardiometabolic Heart Failure With Preserved Ejection In Mice.	Mark E. Pepin, Philipp Konrad, Sumra Nazir, Matthias Dewenter, Johannes Backs, Inst für Experimentelle Kardiologie, Universitätsklinikum Heidelberg, Heidelberg, Germany
P2077	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	FoxO3 Transcription Factor Regulates Myocyte Contractility And Calcium Homeostasis In Diabetic Cardiomyopathy	Gourav Bhardwaj, Christie Penniman, Satya Murthy Tadinada, Univ of iowa, Iowa City, IA; Qian Shi, Univ of Iowa, Iowa City, IA; Biyi Chen, Colette Nowers, Univ of iowa, Iowa City, IA; Eric T Weatherford, The Univ of Iowa, Iowa City, IA; Evan dale Abel, Univ of California, Los Angeles, Los Angeles, CA; Long-Sheng Song, UNIVERSITY OF IOWA, Iowa City, IA; Brian O'Neill, UNIVERSITY OF IOWA, Iowa City, IA, Iowa City, IA
P2078	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Vasohibin Inhibition Improves Myocardial Relaxation In A Rodent Model Of Heart Failure With Preserved Ejection Fraction	Deborah M Eaton, Benjamin W Lee, Univ of Pennsylvania, Philadelphia, PA; Matthew A Caporizzo, Univ of Vermont's Larner Coll of Med, Burlington, VT; Yingxian Chen, Univ of Pennsylvania, Philadelphia, PA; Amit Iyengar, Univ of Pennsylvania, Philadelphia, PA, Philadelphia, PA; Danika Meldrum, Jessica Dominic, Univ of Pennsylvania, Philadelphia, PA, Philadelphia, PA, Brighton, MI; Noah Weingarten, Khaled Hached, MT-act, Montpellier, France; Kenneth Bedi, Pavan Atluri, Philadelphia, PA; Siem Van Der Laan, MT-act, Montpellier, France; Benjamin L Prosser, UPENN SCHOOL OF MEDICINE, Philadelphia, PA; Kenneth B Margulies, UNIV PENNSYLVANIA SCH OF MEDICINE, Philadelphia, PA
P2079	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Heart Rate Variability And Chronotropic Incompetence As Prognostic Markers In A Preclinical Model Of HFpEF	Patricia Perez-Bonilla, Xian Chen, Brianna LaViolette, Dinesh Hireanallur-Shanthappa, Pfizer Inc, Cambridge, MA

P2081	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Defective Translation Of Mitochondrial Proteins Impairs Cardiac Metabolism In HFpEF	<p>Navid Koleini, Johns Hopkins Univ, Baltimore, MD; Mariam Meddeb, Edwin Yoo, James Saba, Mohammad Keykhaei, Abigail Mulligan, Baltimore, MD; Myo Htet, Johns Hopkins Univ, Baltimore, MD; Farnaz Farshidfar, Luminis Health, Anne Arundel Medical Ctr, Annapolis, MD; Raihan Kabir, Johns Hopkins Univ, Baltimore, MD; Seoyoung Kwon, Johns Hopkins Univ, Baltimore, MD, Baltimore, MD; Olivia Hanselman, Desirae McKoy, Liang Zhao, Virginia S Hahn, Johns Hopkins Univ, Baltimore, MD; Kavita Sharma, Johns Hopkins Univ SOM, Baltimore, MD; Simone Sidoli, Albert Einstein Coll of Med, Bronx, NY; Rachel Green, Johns Hopkins, Baltimore, MD; Mark J Ranek, Erika Pearce, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; David A Kass, JOHNS HOPKINS MEDICAL INST, Baltimore, MD</p>
P2082	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Thrombosis In The Coronary Microvasculature May Be Responsible For Impaired Cardiac Relaxation And Diastolic Dysfunction	<p>Rouault Paul, Sarah Guimbal, Lauriane Cornuault, Ninon Foussard, Célia Bourguignon, Virginie Grouthier, INSERM U1034 ; Biology of cardiovascular diseases, Bordeaux, France; Frank Choveau, IHU Liryc, Bordeaux, France; David Benoist, IHU Lyric, Bordeaux, France; Alain-Pierre Gadeau, Thierry Couffinhal, Marie-Ange Renault, INSERM U1034 ; Biology of cardiovascular diseases, Bordeaux, France</p>
P2083	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Heart Failure With Preserved Ejection Fraction Mouse Model Development With Aav-renin	<p>Yuji Shi, Pfizer Inc, Cambridge, MA</p>

P2084	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Adipose Tissues Thermogenesis Provides Cardioprotection Against Diastolic Dysfunction Developed In An Obesity-Induced HFpEF Model	Jordan Jousma, Univ of Illinois at Chicago, Chicago, IL; Jooman Park, Univ Of Illinois At Chicago, Chicago, IL; Zhenbo Han, Univ Of Illinois At Chicago, Chicago, IL, Chicago, IL; Gege Yan, Univ Of Illinois At Chicago, Chicago, IL, Chicago, IL, Chicago, IL; Sarath Babu Babu Nukala, Youjeong Kwon, Univ of Illinois at Chicago, Chicago, IL; Won Hee Hee Lee, Univ of Arizona, Phoenix, AZ; Yuwei Jiang, Sang-Ging Ong, Univ of Illinois at Chicago, Chicago, IL
P2085	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Growth Hormone Releasing Hormone Agonist Counteracts The Cardiometabolic Heart Failure With Preserved Ejection Fraction Phenotype In Vivo Via The Hypoxia Inducible Factor 1 Alpha	Rosemeire M Kanashiro-Takeuchi, Lauro Takeuchi, Univ of Miami, Miami, FL; Wayne Balkan, UNIVERSITY MIAMI MILLER SCHOOL, Miami, FL; Raul A Dulce, INTERDISCIPLINARY STEM CELL INST, Miami, FL; Katarzyna Kazmierczak, UNIVERSITY OF MIAMI, Miami, FL; Shathiyah Kulandavelu, UNIV MIAMI MILLER SCHOOL MED, Miami, FL; Renzhi Cai, UNIV MIAMI MILLER SCHOOL MED, Miami, FL, Fulshear, TX; Wei Sha, Univ of Miami, Miami, FL; Andrew Schally, Dept of Veteran Affairs, Miami, FL; Joshua M Hare, UNIVERSITY OF MIAMI, Miami, FL
P2086	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Targeting Endothelial Dysfunction And Senescence An Heart Failure With Preserved Ejection Fraction - A Whole Transcriptome Analysis Of Heart Failure With Preserved Ejection Fraction-patients To Identify New Therapeutic Targets	Leonie Wurmbrand, Univ Hosp Halle (Saale), Halle, Germany; Katrin Kalies, Halle; Kai Knoepp, Halle, Halle; Jochen Dutzmann, Halle, Halle, Halle; Daniel SEDDING, Univ Hosp Halle, Halle

P2087	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Contributions Of A Glycolytic Switch To Hfpef In Two Mouse Models	Ali Kamiar, Univ of Miami, Miami, FL; Monique Williams, Univ of Miami, Miller Sch, Miami, FL; Jose Manuel Condor, Univ of Miami, Miller Sch, Miami, FL, Miami, FL; Monica Anne Rasmussen, Qusai Alitter, Univ of Miami, Miami, FL; Keith A Webster, Integene Intl Holdings, LLC, Miami, FL; Katarzyna Kazmierczak, UNIVERSITY OF MIAMI, Miami, FL; Jingsheng Liang, Univ of Miami, Miami, FL; Danuta Szczesna-Cordary, UNIVERSITY OF MIAMI, Miami, FL; Lina A Shehadeh, UNIVERSITY OF MIAMI MILLER SCH MED, Miami, FL
P2088	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Proteostatic Imbalance In Heart Failure With Preserved Ejection Fraction Is Accompanied By Mechanistic Target Of Rapamycin Complex 1 Hyperactivation	Kamil A Kobak, Weronika Zarzycka, Catherine J King, Frederick F Peelor III, Benjamin F Miller, Ying Ann Chiao, Oklahoma Medical Res Fndn, Oklahoma City, OK
P2089	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Myocardial Long Non-Coding RNAs Expression Signatures In Heart Failure With Preserved Ejection Fraction	Alina Guo, Johns Hopkins Univ, Ellicott City, MD; Edwin Yoo, Johns Hopkins Hosp, Baltimore, MD; Hildur Knuttsdottir, Johns Hopkins Univ, Baltimore, MD; David A Kass, JOHNS HOPKINS MEDICAL INST, Baltimore, MD; Kavita Sharma, Johns Hopkins Univ SOM, Baltimore, MD; Virginia S Hahn, Johns Hopkins Univ, Baltimore, MD
P209	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Effect Of Cyclic Stretch On Cardiac Fibroblasts	Fjodor Bekedam, Amsterdam Univ Medical Ctr, Amsterdam, Netherlands; Marisa Smit, rowan Smal, Amsterdam Univ medical center, Amsterdam, Netherlands; Anton Vonk Noordegraaf, AMSTERDAM UNIVERSITY MEDICAL CENTER, Amsterdam; Harm J Bogaard, VU UNIV MEDICAL CENTER, Amsterdam; Marie J Goumans, LUMC, Leiden; Frances S De, Amsterdam Univ Medical Ctr, Amsterdam; Aida Lluucia-Valldeperas, Amsterdam Univ Medical Ctr, Amsterdam, Amsterdam

P2091	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Histone Deacetylase 6 (HDAC6) Inhibitor Improves Stress-Induced Cardiomyocyte Restructuring in Heart Failure with Preserved Ejection Fraction (HFpEF) in a Multimodal Manner Based on Single Nucleus RNA-seq (snRNA-seq) Analyses	Farshad Farshidfar, Matthew Kozubov, Reva Shenwai, Amir Hosseinian, Jin Yang, Aliya Zeng, Iris Wu, Amara Greer-Short, Charles Mackay, James Priest, Timothy Hoey, Tenaya Therapeutics, South San Francisco, CA
P2092	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Late Sodium Current Conditions Myocardial Repolarization And Relaxation Of The Aged Heart	Daniel O Cervantes, Emanuele Pizzo, Harshada Ketkar, Sreema P Parambath, Valeria Di Stefano, Kanwardeep Singh, Valentina Ripa, Anna Kouril, New York Medical Coll, Valhalla, NY; Peter J Mohler, THE OHIO STATE UNIVERSITY MED CTR, Columbus, OH; Thomas J Hund, THE OHIO STATE UNIVERSITY, Columbus, OH; Jason Jacobson, Westchester Medical Ctr, Valhalla, NY; Sudhir Jain, Marcello Rota, New York Medical Coll, Valhalla, NY
P2094	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Regulatory Role Of Sirtuin 6 In Coronary Microcirculation In Hfpef	Yang Wang, Rootstown, OH; Molly Enrick, NEOMED, Rootstown, OH; James Gadd, Alyssa Clark, Northeast Ohio Medical Univ, Rootstown, OH; Liya Yin, NORTHEAST OHIO MEDICAL UNIVERSITY, Rootstown, OH
P2095	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Capillary Stalling by Neutrophils is a Novel Mechanism Underlying Myocardial Hypoperfusion in Heart Failure with Preserved Ejection Fraction	Anne E. Buglione, Cornell Univ, Ithaca, NY; David M Small, CORNELL UNIVERSITY, Ithaca, NY; Daniel A Rivera, Nathaniel Allan-Rahill, Soseh Hovasapian, Cornell Univ, Ithaca, NY; Chris B Schaffer, CORNELL UNIV, Ithaca, NY; Nozomi Nishimura, CORNELL UNIVERSITY, Ithaca, NY
P2096	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Characterization Of Unique Dystrophin Isoforms In Epicardial Cells	Sarah Ware, Terry Gemelli, Beverly A Rothermel, Dan Tong, Pradeep P.A. Mammen, Univ of Texas Southwestern Medical Ctr, Dallas, TX

P2097	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Ablation Of Fibroblast Human Antigen R (HuR) Mitigates Cardiac Fibrosis	Sarojini Singh, Univ of Alabama at Birmingham, Birmingham, AL; Mallikarjun Patil, Univ of Alabama Birmingham, Birmingham, AL; Praveen Kumar Dubey, Univ of Alabama at Birmingham, Birmingham, AL; Tousif Sultan, UAB, Birmingham, AL; Prachi Umbarkar, UAB Sch of Med, Birmingham, AL; qinkun zhang, Univ of Alabama at Birmingham, Birmingham, AL; Hind Lal, Steven pogwizd, UAB, Birmiham, AL; Jianyi J Zhang, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmiham, AL; Prasanna Krishnamurthy, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P2099	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Small Proline-rich Protein 1a Is A Key Downstream Effector Of Microrna-150 During Both Maladaptive Cardiac Remodeling In Mice And Human Cardiac Fibroblast Activation	Marisa Sepúlveda, Taiki Hayasaka, Il-man Kim, INDIANA UNIVERSITY, Indianapolis, IN
P2100	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Highly Localized Myocardial Expression Of Brain Natriuretic Peptide In Patients With Mitral Valve Prolapse	Jes-Niels Boeckel, Stephan Erbe, Univ Hosp Leipzig, Leipzig, Germany; Ricardo Spampinato, Heart Ctr Leipzig, Leipzig; Benjamin Meder, Univ of Heidelberg, Heidelberg; Michael A Borger, Leipzig Heart Ctr, Leipzig; Ulrich Laufs, Univ Hosp Leipzig, Leipzig, Germany; Maja-Theresa Dieterlen, Heart Ctr Leipzig, Leipzig; Daniel Lavall, Univ Hosp Leipzig, Leipzig, Germany
P2101	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Elucidating Heterogeneity Between Left And Right Ventricle-derived Cardiac Fibroblasts	Michael B Dewar, Univ of Toronto, Toronto, ON, Canada; Haisam Shah, Univ of Sydney Sch of Med, Camperdown, Australia; Dylan Langburt, McGill Univ, Montreal, QC, Canada; Fahad Ehsan, Univ of Toronto, Toronto, ON, Canada; Alison Hacker, Queen's Univ Sch of Med, Kingston, ON, Canada; Scott P Heximer, Univ of Toronto, Toronto, ON, Canada

P2102	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Basic Helix-loop-helix Transcription Factor Tcf21 Regulates Fibroblast Cell States In The Adult Murine Heart	Anne Katrine Z Johansen, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Ronald J Vagnozzi, Univ of Colorado Anschutz, Aurora, CO; Stephanie K Kidder Bowers, Cincinnati Children's Hosp Med Ctr, Cincinnati, OH; Kelly Grimes, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Yasuhide Kuwabara, Michelle Sargent, Cincinnati Children's Hosp, Cincinnati, OH; Suh-chin Lin, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Susan E Quaggin, NORTHWESTERN UNIVERSITY, Chicago, IL; Jeff D Molkentin, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH
P2103	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Cardiac Fibroblast-specific Role Of PTBP1 In Maintaining Heart Function	Shea N Ricketts, Shufen Chen, UNC-Chapel Hill, Chapel Hill, NC; Li Qian, UNIVERSITY NORTH CAROLINA, Chapel Hill, NC
P2104	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Branched-chain Amino Acids Are Required For Acquisition Of The Cardiac Myofibroblast Phenotype	Daniel C Nguyen, Collin Wells, Sujith Dassanayaka, Univ of Louisville, Louisville, KY; Steven P Jones, UNIVERSITY LOUISVILLE, Louisville, KY; Bradford G Hill, Univ Of Louisville, Louisville, KY
P2105	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Store-Operated Channels Mediate Metabolic Adaptations In Activated Fibroblast During Cardiac Fibrosis	Salvatore Mancarella, Patricia Pantoja, Sheena Saxena, Amandeep Bajwa, UNIVERSITY OF TENNESSEE, Memphis, TN

P2106	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Transforming Growth Factor β -dependent Regulation Of Cardiomyocyte Maturation	Rachel A Minerath, Cincinnati Children's Hosp, Cincinnati, OH; Kelly Grimes, Rajesh Kumar Kasam, Cincinnati, OH; Michelle Sargent, Cincinnati Children's Hosp, Cincinnati, OH; Allen York, Cincinnati children's hospital, Cincinnati, OH; Yasuhide Kuwabara, Cincinnati Children's Hosp, Cincinnati, OH; Anthony Saviola, Univ of Colorado Denver - Anschutz Medical Campus, Aurora, CO; Christina Alfieri, Kirk Hansen, CCHMC, Cincinnati, OH; Katherine E Yutzey, Cincinnati Children's Medical Cente, Cincinnati, OH; Jeff D Molquentin, CHILDRENS HOSPITAL MED CTR, Cincinnati, OH
P2107	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Latent Transforming Growth Factor Binding Protein - 2 Deficiency Improves Cardiac Function Post-Myocardial Infarction	Fahad Ehsan, Michael Dewar, Tao Wang, Aliya Izumi, Univ of Toronto, Toronto, ON, Canada; YU-QING ZHOU, Univeristy of Toronto, Toronto, ON, Canada; Hangjun Zhang, Scott Patrick Heximer, Univ of Toronto, Toronto, ON, Canada
P2109	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Integrin Alpha 11 Is Critical For Collagen Organization Within The Infarct And Survival Following Myocardial Infarction	Patrick B Meagher, St Michaels Hosp, Toronto, ON, Canada; Xavier Lee, Univ of Toronto, Toronto, ON, Canada; Jean-Francois Desjardins, St Michael Hosp, Toronto, ON, Canada; Christopher McCulloch, St Michael Hosp, Toronto, ON, Canada, Toronto, ON, Canada; Kim Connelly, St Michael Hosp, Toronto, ON, Canada, Toronto, ON, Canada, Toronto, ON, Canada
P2110	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Fibroblast-specific Smad6 Restrains Adverse Remodeling And Dysfunction Following Myocardial Infarction	Harikrishnan Venugopal, Izabela Tuleta, Anis Hanna, Akihiko Kubota, Silvia C Hernandez, Claudio Humeres, Fenglan Zhu, Nikolaos G Frangogiannis, Albert Einstein Coll of Med, Bronx, NY

P2111	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Characterizing Human Cardiac Fibroblast Responsiveness To Hemodynamic Unloading In Heart Failure With Reduced Ejection Fraction	Rachel Biggs, Daniel N Silverman, MUSC, Charleston, SC; Yuhua Zhang, Catalin F. Baicu, MEDICAL UNIVERSITY SOUTH CAROLINA, Charleston, SC; Michael R Zile, MEDICAL UNIV OF SOUTH CAROLINA, Charleston, SC; Amy Bradshaw, Medical Uni. of South Carolina, Charleston, SC
P2112	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Mechanism Of Bag3's Degradation Of Tgfbr2 In Cardiac Fibroblasts	Margaretha Morsink, Columbia Univ, New York City, NY; Bryan Wang, Columbia Univ, New York, NY; Josephine Watkins, Lori Luo, Columbia Univ, New York City, NY; Xiaokan Zhang, Columbia Univ Medical Ctr, New York, NY; Rajesh Soni, Columbia Univ Medical Ctr, New York, NY, New York, NY; Barry Fine, COLUMBIA UNIVERSITY MEDICAL CENTER, New York, NY; Gordana Vunjak-Novakovic, Columbia Univ, New York, NY
P2113	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Zdhc7 Uniquely Influences Cardiac Fibroblast Activity Amongst Golgi-localized S-acyltransferases	Robert Goldsmith, Rachel Scissors, Matthew Brody, Univ of Michigan, Ann Arbor, MI
P2114	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Chromatin Accessibility Governs Mechanosensitive Gene Expression In Cardiac Fibroblasts	Jordan Morningstar, Medical university of SouthCarolina, Charleston, SC; Tyler Beck, Medical Univ of South Carolin, Charleston, SC; Cortney Gensemer, Medical Univ of South Carolin, Charleston, SC, Mt Pleasant, SC; Rachel Biggs, MUSC, Charleston, SC; Taylor Petrucci, MUSC, Charleston, SC, Charleston, SC; Lilong Guo, MUSC, Charleston, SC, Charleston, SC, Mt Pleasant, SC; Russell A Norris, MEDICAL UNIV OF SOUTH CAROLINA, Charleston, SC
P2115	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	(2R,6R)-Hydroxynorketamine Prevents Myocardial Ischemia Reperfusion Injury By Regulating Immune And Inflammatory Response	Baihe Chen, Tao Luo, Zhuhai Campus of Zunyi Medical Univ, Zhuhai, China; Masafumi Kitakaze, Hanwa Memorial Hosp, Osaka, Japan

P2116	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Role Of Cardiomyocyte Specific Pellino-1, An E3 Ligase On Therapeutic Angiogenesis And Attenuation Of Ventricular Remodeling In A Murine Myocardial Infarction Model	Andrew Kemerley, Seetur R Pradeep, Mahesh Thirunavukkarasu, Diego Accorsi, Santosh Swaminathan, Sue Ting Lim, Jennifer Hubbard, Siu-Pok Yee, Nilanjana Maulik, Univ of Connecticut Sch of Medic, Farmington, CT
P2117	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Hypoadiponectinemia-induced Epigenetic Downregulation Of Endogenous Antioxidants Exacerbates Cardiac Ischemia-reperfusion Injury In Diabetic Mice	Jianli Zhao, Univ of Alabama Birmingham, Birmingham, AL; Zhijun Meng, Yalin Wu, UAB at Birmingham, Birmingham, AL; caihong liu, Philadelphia; Erhe Gao, Lewis Katz Sch of Med at Temple Uni, Philadelphia, PA; Walter J Koch, TEMPLE UNIVERSITY SCHOOL MEDIC, Philadelphia, PA; Fujie Zhao, UAB, Birmingham, AL; Bernard L Lopez, Theodore Christopher, Thomas Jefferson Univ, Philadelphia, PA; Jianyi J Zhang, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Xinliang L Ma, THOMAS JEFFERSON UNIV, Philadelphia, PA; Yajing Wang, UAB at Birmingham, Birmingham, AL
P2118	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Intervention With The Adiponectin Mimetic Peptide ALY688 Protects Against Cardiac Dysfunction Induced By Ischemia Reperfusion Injury	Jialing Tang, Hye Kyoung Sung, York Univ, Toronto, ON, Canada; Jun Wu, Ren-Ke Li, Toronto General Hosp, Univ Health Network, Toronto, ON, Canada; Angelica Pignalosa, Henry Hsu, Allysta Pharmaceuticals Inc, Seattle, WA; Gary Sweeney, York Univ, Toronto, ON, Canada

P2119	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Effect Of PCI On QTd And QT Interval Compared To Control/other Treatments For Myocardial Infarction	Advait Vasavada, M.P. Shah Medical Coll, Jamnagar, India; Manisha Jain, Shri Bhausaheb Hire Government Med Coll, Thane, India; Dakshin Meenashi Sundaram, Employees' State Insurance Corp (ESIC) Medical Coll and Post Graduate Inst of Medical Science and Res (PGIMSR), Chennai, India; Thulasi Ram Gudi, Merit Health River Region, Vicksburg, MS; Kamran Mahfooz, Lincoln Medical Ctr, Bronx, NY; Radhika Kotak, Padmashri DY Patil Univ Sch of Med, Navi Mumbai, India; Ganeev Singh, Shri Guru Ram Das Inst of Medical Sciences and Res, Amritsar, India
P2120	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Alteration Of Left Ventricular Load Impacts Exosomal And Cardiac MicroRNA Expression In A Porcine Model Of Myocardial Ischemia	Jonas M Marx, Renata Mazurek, Olympia Bikou, Tomoki Sakata, Spyros M Mavropoulos, Susmita Sahoo, Kiyotake Ishikawa, Icahn Sch of Med at Mount Sinai, New York City, NY
P2121	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Relative Importance Of Reactive Oxygen Species From Reverse Electron Transfer At Mitochondrial Complex I In Reperfusion Injury	Caio Tabata Fukushima, Ian-Shika Dancil, Nidhi Shah, Paul S Brookes, UNIVERSITY OF ROCHESTER MED CTR, Rochester, NY
P2122	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Coronary Heart Disease And Arthritis - An Analysis Of 2 Year Behavioral Risk Factor Surveillance System (BRFSS) Data	Akash Sharma, Univ at Buffalo – Catholic Health System, Buffalo, NY; Velmurugan Anbu ananthan, Government Theni Medical Coll, Theni, India
P2124	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Trans-valvular Unloading Protects Against Post-reperfusion Injury Via Hif-1a In Preclinical Models Of Acute Myocardial Infarction.	Lija Swain, Lara A Reyelt, Xiaoying Qia, Tufts Medical Ctr, Boston, MA; Shreyas Bhavne, Boston, MA; Kay Everett, Elena Mahmoudi, Tufts Medical Ctr, Boston, MA; Monica Majumdar, Mary Warner, Boston, MA; Navin K Kapur, TUFTS MEDICAL CTR, Boston, MA
P2125	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Melatonin As A Strategy To Mitigate Late Doxorubicin-induced Cardiotoxicity	Marisol Fernandez Ortiz, Logan Davis, David Gius, Gregory Aune, UT Health San Antonio, San Antonio, TX

P2126	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Role Of Microrna-98 In Myocardial Ischemia-reperfusion Injury In Late Pregnancy	<p>Laila Aryan, UCLA, Malibu, CA; Lejla Medzikovic, UCLA, Los Angeles, CA; Min Li, UCLA, Los Angeles, CA, Los Angeles, CA; Gregoire Ruffenach, UNIVERSITY OF CALIFORNIA, Los Angeles, CA; Shadie Rahman, UNIVERSITY OF CALIFORNIA, Los Angeles, CA, Los Angeles, CA; Ehsan Bastanhigh, Leana Esdin, UNIVERSITY OF CALIFORNIA, Los Angeles, CA, Los Angeles, CA, Irvine, CA; Wasila Sun, Moreno Valley, CA; Yalda Aha Afshar, UCLA, Pacific Palisades, CA; Mansoureh Eghbali, UCLA, Los Angeles, CA</p>
P2127	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Novel Arnt Dependent Hif2a Singling In Protecting Against Cardiac Microvascular Endothelial Barrier Dysfunction Following Myocardial Infarction	<p>Karim Karim Ullah, Univeristy of Chicago, Chicago, IL; Lizhuo Ai, Cedars-Sinai Medical Ctr, West Hollywood, CA; Yan Li, Univ of Chicago, Chicago, IL; Lifeng Liu, Univ of Chicago, Chicago, IL, chicago, IL; Kaichao Pan, Univeristy of Chicago, Chicago, IL; Zainab Humayun, Albert Sitikov, Univ of Chicago, Chicago, IL; Qiaozhu Su, Queens Univ Belfast, BELFAST, United Kingdom; Qiong Zhao, Inova Heart and Vascular Inst, Falls Church, VA; Willard W Sharp, Yun Fang, UNIVERSITY OF CHICAGO, Chicago, IL; David Wu, Univ of chicago, Chicago, IL; James K Liao, Univ of Arizona, Chicago, IL; Rongxue R Wu, Univeristy of Chicago, Chicago, IL</p>
P2128	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Insight Into Glycogen Synthase Kinase 3 Beta Localization Within The Heart: Role On Ischemia Reperfusion Injury	<p>Marilen Federico, Stephen Hurst, Hui-Ying Tsai, Facundo Barraque, Shey-Shing Sheu, Thomas Jefferson Univ, Philadelphia, PA</p>

P2129	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Myocardial Stunning Model In Rats	Ahmed Elmahdy, Sahlgrenska Univ Hosp, Gothenburg, Sweden; Aaron Shekka Espinosa, WLAB, Gothenburg, Sweden; Shafaat Hussain, Yalda Kakei, Molecular and Clinical Med, Gothenburg, Sweden; Tetiana Pylova, Sahlgrenska Univ Hosp, Gothenburg, Sweden; Amin Al-Awar, Molecular and Clinical Med, Gothenburg, Sweden; Maryna Krasnikova, Sahlgrenska Univ Hosp, Gothenburg, Sweden; Ermir Zulfaj, Sahlgrenska Univ Hosp, Gothenburg, Sweden, Gothenburg, Sweden; Abhishek Jha, Axel Andersson, Valentyna Sevastianova, Molecular and Clinical Med, Gothenburg, Sweden; Amirali Nejat, Molecular and Clinical Med, gothenburg, Sweden; Björn Redfors, Sahlgrenska Univ Hosp, Gothenburg, Sweden
P2130	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Role Of A Novel Circrna In Cardiac Dysfunction Post-mi	Amit Kumar Rai, Shridhar Sanghvi, The Ohio State Univ, Columbus, OH; Mahmood Khan, OHIO STATE UNIVERSITY, Columbus, OH; Harpreet Singh, The Ohio State Univ, Columbus, OH; Thomas J Hund, THE OHIO STATE UNIVERSITY, Columbus, OH; Venkata Naga Srikanth Garikipati, Ohio State Univ Wexner MC, Columbus, OH
P2131	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Sialidase Neu3: A Novel Cardioprotective Target Against Ischemia And Reperfusion Injury	Marco Piccoli, IRCCS Policlinico San Donato, San Donato Milanese, Italy; Simona Coviello, IRCCS Policlinico San Donato, Milan, Italy; Ivana Lavota, Andrea Ghiroldi, IRCCS Policlinico San Donato, San Donato Milanese, Italy; Federica Cirillo, IRCCS Policlinico San Donato, san donato milanese, Italy; Carlo Pappone, Policlinico San Donato, San Donato Milanese, Italy; Luigi Anastasia, Univ Vita-Salute San Raffaele, Milan, Italy

P2132	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Raf Kinase Inhibitor Protein Protects Mitochondria From Ischemic Stress	Theresa Brand, Ann-Kathrin Lukannek, Christian Kautz, Constanze Schanbacher, Julius Maximilian Univ, Würzburg, Germany; Nilgün Gedik, Univ of Duisburg-Essen, Essen, Germany; Petra Kleinbongard, INSTITUT FUER PATHOPHYSIOLOGIE UKE, Essen; Kristina Lorenz, Julius Maximilian Univ, Würzburg, Germany
P2133	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Preservation & Vascularization Of Cardiac Extracellular Matrix After Acute Myocardial Infarction	Hong Niu, Washington Univ in St Louis, Saint Louis, MO; Zhongting Liu, Washington Univ in St. Louis, Saint Louis, MO; Ya Guan, Washington Univ in St. Louis, Saint Louis, MO, Clayton, MO; Yu Dang, Jianjun Guan, Washington Univ in St. Louis, Saint Louis, MO
P2135	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Novel <i>Pkp2</i> Mouse Model Of Genetic Arrhythmogenic Right Ventricular Cardiomyopathy And Its Rescue By Gene Therapy	Emma Xu, Melissa Van Pell, Aliya Zeng, Amara Greer-Short, Cindy Li, Ze Cheng, Iris Wu, Xiaomei Song, Samantha Jones, Kathy Ivey, Jin Yang, Laura Lombardi, Tim Hoey, Jane Yang, Tenaya Therapeutics, South San Francisco, CA
P2136	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	TpTe Interval Behavior And Mortality In Wistar Rats Submitted To Cardiac Ischemia And Reperfusion Treated With The Heparin Fragment Trisulfated Disaccharide	Enio R Vasques Dr., Kim Vasques Medical and Res Office, Mogi Das Cruzes, Brazil; Bruna Kim Vasques Dr., HCOR-Hosp do Coração de São Paulo, São Paulo, Brazil
P2137	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Comparative Effectiveness And Safety Of Rivaroxaban Versus Warfarin In Valvular Atrial Fibrillation: A Systematic Review And Meta-Analysis	Ziad Rafe H Affas, Henry Ford Health System, Troy, MI; Sneha Annie Sebastian, Azeezia Medical Coll, Kollam, India; Banan Rasool, Erbil Teaching Hosp, Erbil, Iraq; Inderbir Padda, Richmond Univ Medical Ctr/Mount Sinai, Staten Island, NY; Shwan Amen, Univ of Rostock, Rostock, Germany; Jelena Arnautovic, Henry Ford Health System, Clinton Township, MI; Gurpreet Johal, Univ of Washington - VMC, Renton, WA

P2138	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Long-Term Clinical Value And Impact Of Mavacamten In Symptomatic Obstructive Hypertrophic Cardiomyopathy: A Systematic Review And Meta-Analysis	Sneha Annie Sebastian, Azeezia Medical Coll, Kollam, India; Ubaid Khan, King Edward Medical Univ, Lahore, Pakistan; Inderbir Padda, Arun Mahtani, Richmond Univ Medical Ctr/Mount Sinai, Staten Island, NY; Muhammad Moiz Nasir, Dow Univ of Health Sciences, Lahore, Pakistan; Muhammad Mubariz, Farooq Hosp, Lahore, Pakistan; Javed Iqbal, King Edward Medical Univ, Lahore, Pakistan; Gurpreet Johal, Univ of Washington - VMC, Renton, WA
P2139	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Adiponectin Receptor Agonist ALY688 Prevents Pressure Overload-induced Cardiac Dysfunction And Adverse Cardiac Remodeling	Sungji Cho, Keith Dadson, York Univ, Toronto, ON, Canada; Kathryn Crawford, Henry Hsu, Allysta Pharmaceuticals Inc, Seattle, WA; Gary Sweeney, York Univ, Toronto, ON, Canada
P2140	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Orally Delivered Modified Citrus Pectin Attenuates Aortic Dissection Development By Regulating Macrophage Pyroptosis Via Interruption Of Galectin-3 And Toll-like Receptor 4 Interaction	Hsin-Ying Lu, Chun-Che Shih, Taipei Medical Univ, Taipei city, Taiwan
P2141	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Effect Of Anakinra On Peak Oxygen Consumption In Patients With Heart Failure With Reduced Ejection Fraction: A Meta-analysis	Manisha Jain, Shri Bhausahab Hire Government Med Coll, Dhule, Maharashtra, India; Dakshin Meenashi Sundaram, Employees' State Insurance Corp (ESIC) Medical Coll and Post Graduate Inst of Medical Science and Res (PGIMS), Chennai, India; Kamran Mahfooz, Lincoln Medical Ctr, New York, NY; Sai Pranathi Gaddipati, Mallareddy Medical Coll For Women, Hyderabad, India; Subhav Ramnani, Yerevan State Medical Univ, Yerevan, Armenia; Kaunain Baig, VN Karazin Kharkiv Natl Univ, Kharkiv, Ukraine; Gurmehak Kaur, Shri Guru Ram Das Inst of Medical Sciences and Res, Amritsar, India; Thulasi Ram Gudi, Merit Health River Region, Vicksburg, MS; Advait Vasavada, M.P. Shah Medical Coll, Jamnagar, India

P2142	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Evaluation Of Novel A3 Adenosine Receptor Agonist In Hypertension	Gisele Zapata-Sudo, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio de Janeiro, Brazil; Bruna Rocha, UFRJ, Rio de Janeiro, Brazil; Jaqueline S Da Silva, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio de Janeiro, Brazil; Tadeu Montagnoli, Federal Univ Rio de Janeiro, Rio de Janeiro, Brazil; Julia G Pedreira, Eliezer J Barreiro, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio de Janeiro, Brazil
P2143	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	New Rock Inhibitor Improves Pulmonary Vascular Resistance And Right Ventricle Function In Animal Model Of Pulmonary Arterial Hypertension	Gisele Zapata-Sudo, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio de Janeiro, Brazil; Tadeu Montagnoli, Federal Univ Rio de Janeiro, Rio de Janeiro, Brazil; Jaqueline S Da Silva, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio de Janeiro, Brazil; Bruna Rocha, UFRJ, Rio de Janeiro, Brazil; Bianca Santos-Carlos, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio de Janeiro, Brazil; Carlos Fraga, Federal Univ of Rio de Janeir, Rio de Janeiro, Brazil
P2144	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Irisin, An Exercise-induced Myokine, Exhibits Protective Effects In Glucocorticoid-induced Cardiac Muscle Dysfunctions	Christina Y Sheng, Young Hoon Son, Georgia Tech and Emory Univ, Atlanta, GA; Sung J Park, Emory Univ,, Atlanta, GA
P2145	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Review Of Trends In Cardiovascular Medicine Clinical Trials; 2012-2021	Bharat Rawlley, SUNY Upstate Univ Hosp, Syracuse, NY; Kannu Bansal, Worcester, MA; Utkarsh Dayal, Dhawani Julka, Ishita Salooja, Univ Coll of Medical Sciences and Guru Teg Bahadur Hosp, New Delhi, India; Andres Cordova Sanchez, SUNY Upstate Univ Hosp, Syracuse, NY; Sandeep Kumar, BETH ISRAEL DEACONESS MED CRT, Boston, MA; Debanik Chaudhuri, Upstate Medical Univ, Syracuse, NY

P2146	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Endothelial Cell Specific Senescent Cell Clearance Alleviated Vascular Stiffness And Metabolic Dysfunction In Obese Mice	Masayoshi Suda, Runqing Huang, Mayo Clinic, Rochester, MN; Carolyn M Roos, MAYO CLINIC, Rochester, MN; Luisa Leon, Utkarsh Tripathi, Mayo Clinic, Rochester, MN; Jordan D Miller, MAYO CLINIC, Rochester, MN; Tamar Tchikonia, Mayo Clinic, Rochester, MN; James Kirkland, Mayo Clinic, Rochester, MN, Rochester, MN
P2147	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Inhibition Of Cdk7 Attenuates Doxorubicin Cardiotoxicity And Enhances Anticancer Efficacy	Jingrui Chen, Jing Wei, WSU, Spokane, WA; Peng Xia, Harvard Medical Sch, Brookline, MA; Yuening Liu, Salk Inst for Biological Studi, La Jolla, CA; Zhaokang Cheng, Washington State Univ, Spokane, WA
P2148	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Beyond Traditional Pharmacology: A Critical Appraisal Of Enhanced External Counterpulsation (EECP) As A Promising Alternative Treatment For Hypertension	Abhay A Kapoor, HariOm S Vaja, BJ Medical Coll, Ahmedabad, India; Gurleen Kaur, All India Inst of Medical Sciences, Patna, India; Vraj JigarKumar Rangrej, GMERS Medical Coll, Gotri, Vadodara, India; Juhu Kiran Krushna Karri, All India Inst of Medical Sciences, Mangalagiri, India; Asiff Nathi Aneef, All India Inst of Medical Sciences, Patna, India
P2149	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Modulation Of Cardiac Fibrosis By SGLT-2 Inhibitor Canagliflozin And DPP-4 Inhibitor Sitagliptin In A Swine Model For Chronic Myocardial Ischemia: A Comparative Analysis	Dwight D Harris II, Sharif A Sabe, Mark Broadwin, Mohamed Sabra, Cynthia Xu, Ruhul Abid, Frank W Sellke, Div of Cardiothoracic Surgery, Dept of Surgery, Cardiovascular Res Ctr, Rhode Island Hosp, Alpert Medical Sch of Brown Univ, Providence, RI
P2151	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Novel, Micellized Naringenin Nanoparticle Rescues Hemodynamic Function Post-Myocardial Infarction Via MARK4 Inhibition	Noah Weingarten, Amit Iyengar, Danika Meldrum, Sara Guevara-Plunkett, Jessica Dominic, Ahmad Amirshaghghi, Daphne Nie, Andrew Belec, Mrinal Patel, Joyce Ho, David Alan Herbst Jr., Benjamin Lee, Deborah Eaton, Zhiliang Cheng, Andrew Tsourkas, Pavan Atluri, Univ of Pennsylvania, Philadelphia, PA

P2152	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Asperuloside Ameliorates Obesity-associated Endothelial Dysfunction Via Activating Nrf2/HO-1 Signaling Pathway	Chufeng He, Sch of Life Sciences, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong
P2153	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Long Noncoding RNA Plentiful In Cardiosphere-derived Cell Extracellular Vesicles (CDC-EVs), BCYRN1, And Its Short Synthetic Derivatives Enhance Regulatory T Cell (Treg) Proliferation, Migration, And Activation	ke liao, Zahra Mohammadigoldar, Akbarshakh Akhmerov, Cedars-Sinai Medical Ctr, Los Angeles, CA; Ahmed G Ibrahim, Cedars Sinai, West Hollywood, CA; Eduardo Marban, CEDARS-SINAI MEDICAL CTR, Los Angeles, CA
P2154	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	A Novel Allosteric Modulator Of The β ₁ AR Identified By DNA-encoded Small Molecule Library Screening Demonstrates Unique Pharmacology And Function	Alyssa Grogan, Seungkirl Ahn, Duke Univ, Durham, NC; David Israel, Alex Shaginian, Qiuxia Chen, Jian Liu, HitGen Inc, Chengdu, China; Max Wilkey, Jialu Wang, Alem Kahsai, Duke Univ, Durham, NC; Robert J Lefkowitz, DUKE UNIVERSITY MEDICAL SCHOOL, Durham, NC; Howard A Rockman, Duke, Durham, NC
P2156	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Endothelium-targeting Exosomes Ameliorate Cardiac Senescence Via Delivery Of Line1 Antisense Oligonucleotides In A Mouse Model Of Myocardial Infarction	Enze Fu, Nankai Univ, Tianjin, China; Yue Liu, Tianjin; Kai Pan, Rongrong Li, Zongjin Li, Nankai Univ, Tianjin, China
P2157	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Sitagliptin Therapy Improves Myocardial Perfusion And Arteriolar Collateralization In Chronically Ischemic Myocardium	Sharif A. Sabe, Dwight D. Harris, Mark Broadwin, Mohamed Sabra, Cynthia M. Xu, Debolina Banerjee, M. Ruhul Abid, Frank W Sellke, Cardiovascular Res Ctr, Alpert Medical Sch of Brown Univ and Rhode Island Hosp, Providence, RI
P2158	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	<i>In Vivo</i> Dissection Of A CRISPR/Cas9-Mediated Precise Genome Editing Mechanism	Sanchita S Dey, Nathan J VanDusen, INDIANA UNIVERSITY SCHOOL OF MEDICINE, Indianapolis, IN

P2159	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Naltrindole Attenuates Phorbol 12-myristate 13-acetate Induced Superoxide Release In Polymorphonuclear Leukocytes Independently Of Delta Opioid Receptor Antagonism	Devani Johnson, Taylor DiLisi, Juliet Melnik, Denise Pinto, Alexandra Barrera, Philadelphia Coll of Osteopathic Med, Philadelphia, PA; Arjun Nair, Plano, TX; Zinya Talukder, Plano, TX, Bornx, NY; Tameka Dean, Plano, TX, Bornx, NY, Philadelphia, PA; Qian CHEN, Plano, TX, Bornx, NY, Philadelphia, PA, Philadelphia, PA; Robert Barsotti, PCOM, Philadelphia, PA; Lindon Young, PHILADELPHIA COLLEGE OSTEOPATHIC, Philadelphia, PA
P2160	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	High-throughput Imaging Of Cardiomyocytes Using Biomimetic Tools Help Identify Therapeutic Targets	Hannah M Kleppe, Tenaya Therapeutics, San Francisco, CA; Rishikesan Chandrakumar, Rebecca E Slater, Sylwia M Figarska, Anastasiia Budan, Alan R Levinson, James R Priest, Tim Hoey, Tenaya Therapeutics, South San Francisco, CA
P2161	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Stem Cell-derived Exosome Nebulization Therapy (SCENT) Improves Cardiac Function And Tissue Repair In Mice And Pigs	Junlang Li, Univ of North Carolina, Raleigh, NC; DASHUAI ZHU, Raleigh, NC; Ke Huang, NC State Univ, Raleigh, NC; Yuan Li, UNC Chapel Hill and NC State Univ, Cary, NC; Ke Cheng, UNC-Chapel Hill NC State Univ, Raleigh, NC
P2162	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Controlled Porous Structures Of Nitric Oxide-releasing Inhaler For Pulmonary Arterial Hypertension Vascular Reverse Remodeling	Yoogyeong Oh, Jinkee Hong, Dept of Chemical and Biomolecular Engineering, Yonsei Univ, Seoul, Korea, Republic of; Se Yong Jung, Yonsei Universtity Coll of Med, Seoul, Korea, Republic of

P2163	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Genetic And Pharmacological Inhibition Of Classic Transient Receptor Potential Channels 3 And 6 (trpc3/c6) Improve Pulmonary Arterial Hypertension.	<p>Kenji Moriuchi, Dept of Cardiovascular Med, Graduate Sch of Med, Kyoto Univ, Kyoto City, Japan; Yasuaki Nakagawa, Hideyuki Kinoshita, Hideaki Inazumi, Hiromu Yanagisawa, Takahiko Kanamori, Toshio Nishikimi, Dept of Cardiovascular Med, Graduate Sch of Med, Kyoto Univ, Kyoto, Japan; Miku Oya, Dept of Cardiovascular Med, Shinshu Univ Sch of Med, Matsumoto, Japan; Motohiro Nishida, Dept of Physiology, Graduate Sch of Pharmaceutical Sciences, Kyushu Univ, Fukuoka, Japan; Yasuo Mori, Lab of Molecular Biology, Dept of Synthetic Chemistry and Biological Chemistry Graduate Sch of Engineering, Kyoto Univ, Kyoto, Japan; Ryu Nagata, Bioorganic Chemistry, Graduate Sch of Pharmaceutical Sciences, Osaka Univ, Suita, Japan; Kazufumi Nakamura, Dept of Cardiovascular Med, Okayama Univ Graduate Sch of Med, Dentistry and Pharmaceutical Sciences, Okayama, Japan; Koichiro Kuwahara, Dept of Cardiovascular Med, Shinshu Univ Sch of Med, Matsumoto City, Japan; Kazuwa Nakao, KYOTO UNIVERSITY GRAD SCH MED Medical Innovation Ctr, Graduate Sch of Med, Kyoto Univ, Kyoto, Japan; Takeshi Kimura, Dept of Cardiovascular Med, Graduate Sch of Med, Kyoto Univ, Kyoto, Japan</p>
P2164	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Expression Of Engineered Bacterial Sodium Channel Improves Cardiomyocyte Contractility	<p>Tianyu Wu, Binjie Li, James Koconis, Abhishek Bhattacharjee, Duke Univ, Durham, NC; Lei Ye, Natl Heart Res Inst Singapore, Singapore, Singapore; Nenad Bursac, DUKE UNIV, Durham, NC</p>
P2165	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Endothelial Leptin Resistance Exacerbates Vascular Dysfunction Through Attenuating PD-L1 Expression	<p>Yiu Ming Cheung, Wing Tak Wong, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong</p>

P2166	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Cardioprotective Effect Of Angiotensin Converting Enzyme 2 Activation In Hesc-derived Cardiomyocytes Under Diabetic Condition	Sung Woo Cho, Inje Univ Ilsan Paik Hosp, Goyang, Korea, Republic of; Ji Hee Sung, Jin Han, Hyoung Kyu Kim, Inje Univ, Cardiovascular and Metabolic Disease Ctr, Smart Marine Therapeutics Ctr, Busan, Korea, Republic of
P2167	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Acute Vasopressin Neutralization Improves Cardiac Function In Rats With Chronic Heart Failure.	Yohan Stephan, Marina Hamrouche, Lise Charrier, Lionel Nicol, Jeremy Bellien, Rouen Univ, INSERM EnVI UMR 1096, Rouen, France; Marie-Laure Ozoux, Philip Janiak, Corteria Pharmaceuticals, Paris, France; Paul Mulder, Rouen Univ, INSERM EnVI UMR 1096, Rouen, France
P2169	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Identification Of Pro-adhesive Drugs By A Novel High-throughput Approach	Pauline Hanns, Ramón Castellanos-Martínez, Volker Spindler, Camilla Schinner, Dept of Biomedicine, Section Anatomy, Univ of Basel, Basel, Switzerland
P2170	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Rescue Of Ctni Null Mice By Application Of Aav-9 Encoding Ctni Gene	Dustin Gerber, Florida Atlantic Univ, Sunrise, FL; John Gacitua, Florida Atlantic Univ, Davie, FL; Andrué Hackshaw, Florida Atlantic Univ, Boca Raton, FL; Howard M Prentice, Florida Atlantic Univ, Boca Raton, FL, Boca Raton, FL; Xupei Huang, FLORIDA ATLANTIC UNIVERSITY, Boca Raton, FL
P2171	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Lentivirus TAZ<i></i>Gene Therapy Restores Metabolic Functions In Taz Ko Mice Model Of Barth Syndrome	Rahul Raghav, Tufts Medical Ctr, BOSTON, MA; Junya Awata, Gregory Martin, Tufts, Boston, MA; Douglas Strathdee, Robert M Blanton Jr., TUFTS MEDICAL CENTER, Boston, MA; Michael T Chin, Tufts Medical Ctr, Boston, MA

P2173	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Naltrindole Offers Potent Cardioprotection From Ischemia Reperfusion Injury; Opioid Antagonism Or Calcium Handling?	Desmond Boakye Tanoh, Young Therapeutics LLC, Philadelphia, PA; Sunit G. Singh, Philadelphia Coll of Osteo Med, Philadelphia, PA; Smith Frimpong, Young Therapeutics LLC, Philadelphia, PA; Arjun Nair, Philadelphia Coll of Osteopathic Med, Philadelphia, PA; Tameka C. Dean, Young Therapeutics LLC, Philadelphia, PA; Qian Chen, Philadelphia Coll of Osteopathic Med, Philadelphia, PA; Robert Barsotti, PCOM, Philadelphia, PA; Lindon H Young, Young Therapeutics LLC, Philadelphia, PA
P2174	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Transcriptomic Profiling Of Immune Checkpoint Inhibitor Myocarditis Reveals Novel Therapeutic Targets	Juan Qin, Shaoyi Zhang, Amir Munir, Yen-Chou Chen, UCSF, San Francisco, CA; Kuan Zhang, San Francisco, CA; Jiaqi Li, Univ of Cambridge, Cambridge; Joe-Elie Salem, Sorbonne Univ, INSERM, Paris, France; Javid Moslehi, UCSF, San Francisco, CA
P2175	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Induced Pluripotent Stem Cell-derived Cardiac Myocytes To Assess Anthracycline Cardiotoxicity	Johanna EJ Jacobs, KU Leuven UZ Leuven, Leuven, Belgium; Robin Duelen, KU Leuven, Leuven, Belgium; Hilde Gillijns, KU Leuven, Leuven, Belgium, Leuven, Belgium; Angad Johar, Mayo Clinic, Rochester, MN; Ward Heggermont, OLV Aalst, Aalst, Belgium; Maurilio Sampaolesi, OLV Aalst, Aalst, Belgium, Leuven, Belgium; Heidi Segers, KU Leuven UZ Leuven, Leuven, Belgium; Joerg Herrmann, Mayo Clinic, Rochester, MN; Lucas Van Aelst, Univ Hosp Leuven, Leuven, Belgium; Stefan P Janssens, UNIV HOSP GASTHUISBERG, Leuven, Belgium
P2176	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Development Of Integrated Transparent Transgenic Zebrafish Modeling System For Experimental Cardio-oncology Therapeutics	Surendra K Rajpurohit, Logan Ouellette, Vaani Balyan, Keshu Bhatt, Aiden Van Derhei, Karen Aikhionbare, Raymond Chen, Taitum Gossman, Sai Nasanally, Balakrishna Lokeshwar, Georgia Cancer Ctr, Augusta Univ, Augusta, GA; Vishal Arora, Augusta Univ, Evans, GA

P2177	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Autophagy-based Drugs Can Be Used To Treat Anthracycline-induced Cardiotoxicity	Song Zhang, mayo clinic, Rochester, MN; Johanna EJ Jacobs, David Mondaca-Ruff, Mayo Clinic, Rochester, MN; Xiaolei Xu, Yonghe Ding, MAYO CLINIC, Rochester, MN; Joerg Herrmann, Mayo Clinic, Rochester, MN
P2178	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Trends In Age At Diagnosis, Incidence Proportion Of Benign Cardiac Neoplasms And Associated Outcomes: 2012-2021	Bharat Rawlley, Andres Cordova Sanchez, Sherna Menezes, SUNY Upstate Univ Hosp, Syracuse, NY; Kartik Gupta, Detroit, MI; Debanik Chaudhuri, SUNY Upstate Univ Hosp, Syracuse, NY
P2179	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Endothelial-derived Extracellular Vesicles Communicate With Cardiomyocytes To Elicit Cancer Therapy-related Cardiac Dysfunction	Crizza Ching, Univ of Toronto, Toronto, ON, Canada; Cassandra L Clift, Harvard Medical Sch, Boston, MA; Caroline Kinnear, Hosp for Sick Children, Toronto, ON, Canada; Dakota Gustafson, Queen's Univ, Sch of Med, Kingston, ON, Canada; Elena Aikawa, BRIGHAM WOMANS HOSPITAL, Boston, MA; Sasha A Singh, HARVARD BWH, Boston, MA; Seema Mital, HOSPITAL FOR SICK CHILDREN, Toronto, ON, Canada; Paaladinesh Thavendiranathan, Dr, Scarborough, ON, Canada; Jason Fish, UNIVERSITY HEALTH NETWORK, Toronto, ON, Canada
P2180	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Translational Regulation Of SND1 Governs Endothelial Homeostasis Under Stress	Zhenbo Han, Univ of Illinois at Chicago, Chicago, IL; Jordan Jousma, Chicago, IL; Gege Yan, Chicago, IL, Chicago, IL; Mehdi Amiri, Chicago, IL, Chicago, IL, Laval, QC, Canada; Negar Tabatabaei, Youjeong Kwon, Univ of Illinois at Chicago, Chicago, IL; Won Hee Hee Lee, Univ of Arizona, Phoenix, AZ; Soroush Tahmasebi, Sang-Ging Ong, Univ of Illinois at Chicago, Chicago, IL
P2181	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	The Role Of GCN2 In Ponatinib-induced Cardiotoxicity	Gege Yan, Youjeong Kwon, Univ of Illinois at Chicago, Chicago, IL; Jordan Jousma, Chicago, IL; Zhenbo Han, Chicago, IL, Chicago, IL; Won Hee Hee Lee, Univ of Arizona, Phoenix, AZ; Sang-Ging Ong, Univ of Illinois at Chicago, Chicago, IL
P2182	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Cardioprotective Effect Of APE1/Ref-1 In Doxorubicin-induced Cardiotoxicity	Soo Yeon An, Hee Jeong Seo, Seon-Ah Jin, Jin-Ok Jeong, Chungnam Natl Univ Hosp, Daejeon, Korea, Republic of

P2183	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Validation Of A Methodology For Left Ventricular Global Longitudinal Strain Measured With Deformation Encoding Mri To Detect Cardiotoxicity	Julia Kar, Univ of South Alabama, Mobile, AL; Michael V Cohen, UNIVERSITY OF SOUTH ALABAMA, Mobile, AL; Cherie Revere, USA Cardiology, Mobile, AL; Angela Judice, Samuel McQuiston, Univ of South Alabama, Mobile, AL; Christopher Malozzi, Mobile, AL
P2184	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Isocitrate Dehydrogenase 1 Regulates Cardiac Metabolic Adaptation During Oncometabolic Stress	kyoungmin Kim, Yaqi Gao, Cedars-Sinai Medical Ctr, Los Angeles, CA; Brandon Faubert, Univ of Chicago, Chicago, MI; Nathaniel Snyder, Temple Univ, Philadelphia, PA; Ralph DeBerardinis, UT Southwestern; Anja Karlstaedt, Cedars-Sinai Medical Ctr, Los Angeles, CA
P2185	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Hydrogen Sulfide Donor Inhibits Cisplatin-induced Foam Cell Death In An In Vitro Model Of Atherosclerosis	Nigeste M Carter, Adolfo Gabriele Mauro, Elisa Palladino, Allison L Roden, Virginia Commonwealth Univ, Richmond, VA; Eleonora Mezzaroma, Stefano A Toldo, UNIVERSITY OF VIRGINIA, Glen Allen, VA; Fadi N Salloum, VIRGINIA COMMONWEALTH UNIV, Richmond, VA
P2187	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	SARS-CoV2 Nonstructural Protein, But Not The Omicron Ba.4/5 Mutant, Suppresses YAP Transcriptional Activity In The Heart	Fansen Meng, The Texas Heart Inst, Houston, TX; Chang-Ru Tsai, Baylor Coll of Med, Houston, TX; Jong H Kim, Xiao Li, Texas Heart Inst, Houston, TX; Jeff Steimle, Houston, TX; Shijie Liu, Cincinnati Children's Hosp, Cincinnati, OH; Bing Xie, Baylor Coll of Med, Houston, TX; Rich Gang Li, Texas Heart Inst, Houston, TX; James F Martin, BAYLOR COLLEGE OF MEDICINE, Houston, TX

P2188	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Covid-19 Plasma Exposure Causes Transcriptional, Morphological, And Functional Changes Within The Pulmonary Microvascular Endothelium	Rainha Passi, Justyna Cholewa-Waclaw, Ryan Wereski, Stefan Veizades, Matthew Bennett, Brownwyn Berkeley, Emmanouil G Solomonidis, Andrea Caporali, Univ of Edinburgh, Edinburgh, United Kingdom; Ziwen Li, Univ of Edinburgh, Edinburgh; Abdelaziz Beqqali, The Univ of Edinburgh, Edinburgh; Mieke Dewerchin, KU Leuven, Leuven, Belgium; Nicholas L Mills, UNIVERSITY EDINBURGH, Edinburgh; Mairi Brittan, Univ of Edinburgh, Edinburgh, United Kingdom; Andrew H Baker, UNIVERSITY OF EDINBURGH, Edinburgh
P2189	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Role Of Innate Immune Response And Mitochondrial Ros In The Cardiac And Pulmonary Sequelae Of Covid-19	Ting Liu, THE JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Deepthi Ashok, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Morgan Craney, THE JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Amanda Wong, THE JOHNS HOPKINS UNIVERSITY, Baltimore, MD, Baltimore, MD; D B Foster, Andrew Pekosz, JOHNS HOPKINS SCHOOL MEDICINE, Baltimore, MD; Jason Villano, Brian O'Rourke, JOHNS HOPKINS UNIVERSITY SOM, Baltimore, MD
P2190	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Pre-pandemic Autonomic Function As A Predictor Of The Covid Clinical Course In Young Adults	Vagisha Sharma, Manpreet Kaur Ghai, Vardhman Mahavir Medical Coll and Safdarjung Hosp, New Delhi, India

P2192	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Growth Hormone-releasing Hormone Receptor Antagonist Attenuates Cardiopulmonary Injury Induced By A Bsl2 Rvsv-sars-cov-2-s Virus Mimic Of Sars-cov-2 Infectivity	Jose Manuel Condor Capcha, Ali Kamiar, Emely Robleto, Univ of Miami Leonard M. Miller Sch of Med, Miami, FL; Tengjiao Cui, Miami VA Healthcare System, Miami, FL; Ali Saad, Univ of Miami Leonard M. Miller Sch of Med, Miami, FL; Amanda Wong, Jason Villano, Andrew Pekosz, Johns Hopkins Univ, Baltimore, MD; Mark J Ranek, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Keith A Webster, UNIVERSITY MIAMI, Miami, FL; Andrew Schally, Dept of Veteran Affairs, Miami, FL; Robert M. Jackson, Miami VA Healthcare System, Miami, FL; Lina A Shehadeh, UNIVERSITY OF MIAMI MILLER SCH MED, Miami, FL
P2193	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Role Of Atypical Chemokine Receptor 1 In Endothelial Injury Among COVID-19 Survivors	Ee-Soo Lee, Nanyang Technological Univ, Singapore, Singapore; Barnaby E Young, Tan Tock Seng Hosp, Singapore, Singapore; Hannah Wee, Khang Leng Lee, Florence WJ Chioh, Michelle CY Law, Nanyang Technological Univ, Singapore, Singapore; Ivor Russel Lee, Natl Ctr for Infectious Diseases, Singapore, Singapore; Rinkoo Dalan, Bingwen Eugene Fan, Tan Tock Seng Hosp, Singapore, Singapore; Lay Teng Ang, Kyle M Loh, Stanford Univ, Menlo Park, CA; David C Lye, Natl Ctr for Infectious Diseases, Singapore, Singapore; Laurent Renia, Christine Cheung, Nanyang Technological Univ, Singapore, Singapore
P2194	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	Investigating The Role Of Angiotensin II In The Pathogenesis Of Atrial Fibrillation In Covid-19 Patients Through Blocking The Renin-Angiotensin-Aldosterone System	Angela Khidhir, Thomas Drago, Usman Najam, Sourabh Goyal, Michael Beshara, Univ at Buffalo, Buffalo, NY; Leonard Palatnic, Brian Chatterton, Univ at Buffalo, Buffalo, NY

P2195	8/1/2023 4:30:00 PM	8/1/2023 7:00:00 PM	SARS-CoV-2 Variants Divergently Infect And Damage Cardiomyocytes	Bobo Mok, The Univ of Hong Kong, Hong Kong, Hong Kong; Maxwell Kwok, Hung Sing Li, Lowell Ling, Angel Lai, Paul Chan, Bryan Yan, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Hong Lin Chen, The Univ of Hong Kong, Hong Kong, Hong Kong; Ellen Poon, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong
P3001	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Regulation Of Perivascular Adipose Tissue By Follistatin In Hypertension	Ann Kuganathan, McMaster Univ, Hamilton, ON, Canada; Marcos Leal, Brazil, São Paulo, Brazil; Vincent Lu, McMaster Univ, Hamilton, ON, Canada; Melissa MacDonald, McMaster Univeristy, Hamilton, ON, Canada; Bo Gao, Jeffrey Dickhout, Joan Krepinsky, McMaster Univ, Hamilton, ON, Canada
P3002	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Role Of Vascular Fibroblast Growth Factor Signaling In Group 3 Hypoxia-induced Pulmonary Hypertension	Kel Vin Woo, Washington Univ in St Louis, Saint Louis, MO; Carla Weinheimer, Washington Univ Medical Sch, St Louis, MO; Jess Nigro, Washington Univ in St Louis, Saint Louis, MO; Attila Kovacs, David Ornitz, Washington Univ, St. Louis, MO
P3003	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Role Of Cellular Senescence In Aortic Dissection	Eichi Nakao, Div of Cardiovascular Med, Dept of Internal Med, Kurume Univ Sch of Med, Kurume, Japan; Hiroki Aoki, Cardiovascular Res Inst, Kurume Univ, Kurume, Japan; Ryohei Majima, KURUME UNIVERSITY, Kurume, Japan; Hashimoto Yohei, Ryo Shibata, Div of Cardiovascular Med, Dept of Internal Med, Kurume Univ Sch of Med, Kurume, Japan; Makiko Hayashi, Satoko Ohno, Aya Furusho, Kurume Univ, Kurume, Japan; Norifumi Nishida, KURUME UNIVERSITY, Kurume, Japan; Saki Hirakata, Kurume Univ, Kurume, Japan; Yoshihiro Fukumoto, Kurume Univ, Cardiovascular M, Kurume, Japan

P3004	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Vaccination Targets Senescence-associated Glycoprotein Ameliorates Alzheimer's Pathology And Cognitive Behavior In Mice	Chieh Lun Hsiao, Juntendo Univ, Tokyo, Japan; Goro Katsuomi, Juntendo Univ, Tokyo-to Bunkyo-ku, Japan; Masayoshi Suda, Juntendo Univ, Tokyo, Japan; Ippei Shimizu, Juntendo Univ, Tokyo, Japan, Japan; Yohko Yoshida, Juntendo Univ, Grad Sch Med, Tokyo; Takaaki Furihata, Juntendo Univ Graduate Sch, Tokyo, Japan; Yusuke Joki, Ryo Furuuchi, Juntendo Univ Graduate Sch, Tokyo, Japan, Tokyo, Japan; Yung-ting Hsiao, JUNTENDO UNIVERSITY, Tokyo, Japan; Jia-Qi Liang, Juntendo Univ, Tokyo, Japan; Manabu Abe, Niigata Univ, Niigata, Japan; Tohru Minamino, Niigata Univ, Niigata, Japan, Tokyo, Japan
P3006	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Inhibition Of Tnf α Signaling Delay CAVD Progression In Mice	Zar Chi Thent, Albert Einstein Coll of Med, Bronx, NY; Sonia Benkaci, Albert Einstein Coll of Med, New York, NY; Bingruo Wu, Albert Einstein Coll of Med, Bronx, NY; Jonathan T Butcher, CORNELL UNIVERSITY, Ithaca, NY; Bin Zhou, ALBERT EINSTEIN COLLEGE OF MEDICINE, Bronx, NY
P3007	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Rosuvastatin-eluting Gold-nanoparticle-loaded Perivascular Wrap For Enhanced Arteriovenous Fistula Maturation In A Murine Model	Benjamin M Martin, Carleigh L Klusman, Joy Vanessa D Perez, Allan John R Barcena, Marvin R Bernardino, Erin Marie D San Valentin, Jossana A Damasco, Huckie C Del Mundoa, The Univ of Texas MD Anderson Cancer Ctr, Houston, TX; Karem A Court, Biana Godin, Houston Methodist Res Inst, Houston, TX; Natalie Fowlkes, Richard Bouchard, The Univ of Texas MD Anderson Cancer Ctr, Houston, TX; Jizhong Cheng, Selzman Inst for Kidney Health, Baylor Coll of Med, Houston, TX; Steven Y Huang, Marites P Melancon, The Univ of Texas MD Anderson Cancer Ctr, Houston, TX

P3008	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	A Computational Model Predicts Sex-specific Responses To Calcium Channel Blockers In Mesenteric Vascular Smooth Muscle	Gonzalo Hernandez Hernandez, Samantha O'Dwyer, Collin Matsumoto, Pei-Chi Yang, Zhihui Fong, Mindy Tieu, UC Davis, Davis, CA; Luis F Santana, UC DAVIS, Davis, CA; Colleen Clancy, UC Davis, Davis, CA
P3009	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Zmpste24 Deficiency Accelerates Atherosclerosis By Increasing TLR4 Expression In Vascular Smooth Muscle Cells	Soyoung Cho, Integrative Res Ctr for Cerebrovascular and Cardiovascular diseases, yonsei university college of Med, seoul, Korea, Republic of; Juyeon Lim, yonsei university, seoul, Korea, Republic of; Miran Seo, Sungha Park, Integrative Res Ctr for Cerebrovascular and Cardiovascular diseases, Yonsei Univ Coll of Med, Seoul, Korea, Republic of
P3010	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The C10X Polymorphism In The <i>CARD8</i> Gene Is Associated With The Levels Of CCL20 And IL-6 Proteins In Healthy Young Men	Karin Fransén, Ayako Hiyoshi, Örebro Univ, Örebro, Sweden, Orebro, Sweden; Anita Hurtig-Wennlof, Jonkoping Univ, Jonkoping, Sweden
P3011	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Assessing Subclinical Atherosclerosis Using Carotid Intima-media Thickness In Inflammatory Bowel Disease Patients: A Metanalysis	Vagisha Sharma, Vardhman Mahavir Medical Coll and Safdarjung Hosp, New Delhi, India; ASHOK JAGDISH BHASKAR, Syeda Fatima Murtaza, Lahore, Pakistan; Syed Asjad Tauheed Zaidi, Mayank Dineshbhai Kamani, Rajkot, India; Ritika Behera, Sohmiika Wadhwa, Mumbai, India; Muskaan Sutaria, Vijaya Rupa Konakanchi, hyderabad, India; Advait Joshi, Ritwik Roy, Advait Vasavada, M.P. Shah Medical Coll, Jamnagar, India
P3012	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Routine Monitoring For Intracardiac Thrombosis And Pulmonary Embolism With Intraoperative Transesophageal Echocardiography In Orthotopic Liver Transplantation	Niki Noe, Akanksha Girish, Georgetown Univ Sch of Med, Washington, DC; Lorenzo De Marchi, Dept of Anesthesiology, MedStar Georgetown Univ Medical Ctr, Washington, DC
P3013	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Rare Case Of Catheter-related Right Atrial Thrombosis In A Pediatric Multi-visceral Transplant Patient	Akanksha Girish, Niki Noe, Georgetown Univ Sch of Med, Washington, DC; Lorenzo De Marchi, MedStar Georgetown Univ Medical Ctr, Washington, DC

P3014	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Human Pluripotent Stem Cell-derived Organoids Yield Microvascular-like Endothelial Cells	Qasim Anjum Majid, Virpi Talman, Univ of Helsinki, Helsinki, Finland; Sian Harding, Gabor Foldes, Imperial Coll London, London, United Kingdom
P3015	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mechanosensitive, Piezo2 Channels Mediate The Exaggerated Exercise Pressor Reflex In A Mouse Model Of Hind Limb Ischemia.	qinglu li, university of minnesota, Roseville, MN; Johannes bjorge, university of minnesota, Minneapolis, MN; An Xie, Satyabrata Das, Samuel C Dudley Jr., Mary G Garry, Univ of Minnesota, Minneapolis, MN
P3016	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Pathologic Matrix Markers Are Differentially Modulated By VSMC-Specific SGK-1 Activity In Hypertension And Abdominal Aortic Aneurysm	Victoria Mattia, Medical Univ of South Carolina, Charleston, SC; Mario Figueroa, Charleston, SC; John Gedney, Charleston, SC, Mt Pleasant, SC; Ying xiong, Rupak Mukherjee, MUSC, Charleston, SC; Jeffrey A Jones, MEDICAL UNIVERSITY SOUTH CAROLINA, Charleston, SC; Jean Marie Ruddy, Medical Univ of South Carolin, Charleston, SC
P3017	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	TNF- α -mediated Carcinoembryonic Antigen-related Cell Adhesion Molecule 1 Expression In Endothelial Cells	Florian Kleefeldt, Lisa Götz, Uwe Rueckschloss, Süleyman Ergün, Inst of Anatomy and Cell Biology, Wuerzburg, Germany
P3018	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	SCARNA20 Promotes M2 Macrophage Polarization Under Endotoxemia And Reduces Inflammation	Selene Perales, Vinoth Sigamani, Sheeja Rajasingh, Hemanathan Vembuli, Rahul Pushparaj, Johnson Rajasingh, UTHSC, Memphis, TN
P3019	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	During Salt-sensitive Hypertension, CD8+ T Cells Increase Renal Sodium Transporters, NKCC2 And ENaC	Katherine Deck, Univ of Arkansas for Medical Sciences, Little Rock, AR; Yunping Guo, Little Rock, AR; Lance Benson, Yunmeng Liu, UAMS, Little Rock, AR; Christoph Mora, Little Rock, AR; Shengyu Mu, UAMS, Little Rock, AR

P3020	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	O-GlcNAc Transferase Regulates Vascular Smooth Muscle Cell Cycle Progression In Diabetes	Neha Bhavnani, Kent State Univ, Kent, OH; Saugat Khanal, NorthEast Ohio Medical Univ, Rootstown, OH; Amy Mathias, NEOMED, Rootstown, OH; Jason Lallo, NEOMED, Rootstown, OH, Canton, OH; Shreya Gupta, Kent State Univ, Kent, OH; Priya Raman, NEOMED - IMS, Rootstown, OH
P3021	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Circulating Exosomal MicroRNAs As Biomarkers For Pulmonary Embolism	Chongyu Zhang, Loyola Univ Chicago, Maywood, IL; Srdjan Nikolovski, Loyola Univ Medical Ctr, Maywood, IL; Bulent Kantarcioglu, Loyola Univ Medical Ctr, Maywood, IL, Oak Park, IL; Fakiha Siddiqui, Loyola Univ Chicago, Morton Grove, IL; Jawed Fareed, LOYOLA UNIVERSITY MEDICAL CENT, Maywood, IL; Keith Jones, LOYOLA OF CHICAGO, Maywood, IL

P3022	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Smyd2 Deficiency Protects Against Atherosclerotic Plaque Formation Through Modulation Of Oxidative Stress	<p>Shaligram Sharma, Dept of Biology, Georgia State Univ, 100 Piedmont Ave, Atlanta, GA, 30303, USA and Ctr for Molecular and Translational Med, Inst for Biomedical Sciences, Georgia State Univ, 157 Decatur Street SE, Atlanta, GA, 30303, USA, Atlanta, GA; Xiaoqing Guan, Ctr for Molecular and Translational Med, Inst for Biomedical Sciences, Georgia State Univ, 157 Decatur Street SE, Atlanta, GA, 30303, USA, Atlanta, GA; Yuning Hou, Cancer Animal Models Shared Resource at Winship Cancer Inst, Emory Univ, 1365B Clifton Road, Suite 3210, Atlanta, GA 30322, USA, Atlanta, GA; Jada Harvey, Inst for Biomedical Sciences, Georgia State Univ, 157 Decatur Street SE, Atlanta, GA, 30303, USA, Atlanta, GA; Pranav Lamba, Dept of Biology, Georgia State Univ, 100 Piedmont Ave, Atlanta, GA, 30303, USA, Atlanta, GA; Jacob Li, Georgia State university, Atlanta, GA; Arin Dorsey, Kotryna Diktonaite, Inst for Biomedical Sciences, Georgia State Univ, 157 Decatur Street SE, Atlanta, GA, 30303, USA, Atlanta, GA; Chunying Li, Dept of Biology, Georgia State Univ, 100 Piedmont Ave, Atlanta, GA, 30303, USA and Ctr for Molecular and Translational Med, Inst for Biomedical Sciences, Georgia State Univ, 157 Decatur Street SE, Atlanta, GA, 30303, USA, At, Duluth, GA</p>
P3023	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Endothelial Ppar δ Deletion Exacerbates Endotoxemia-Induced Vascular Injury And Inflammation	<p>Huiling Hong, The Chinese Univ of Hong Kong, Sha Tin N T, Hong Kong; Yalan Wu, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Xiao-Yu Tian, The Chinese Univ of Hong Kong, Sha Tin N T, Hong Kong</p>

P3024	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Endothelial To Mesenchymal Transition Frequency Increases In Williams Syndrome Pulmonary Artery Endothelial Cells In Novel 3D Bioprinted <i>In Vitro</i> Arterial Model	Maher R Saadeh, Georgia Inst of Technology/Emory Univ, Atlanta, GA; Martin L Tomov, Emory Univ, Atlanta, GA; Lakshmi P Dasi, Georgia Inst of Technology, Atlanta, GA; Reza Avazmohammadi, Texas AM Univ, College Station, TX; Vahid Serpooshan, Emory Univ, Atlanta, GA; Holly Bauser Heaton, Children's healthcare of Atlanta, Atlanta, GA
P3025	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	CXCL10 Impairs Endothelial Barrier Integrity In Endothelial Ppar δ -deficient Mice Identified By Single-cell RNA Sequencing	Huiling Hong, Kevin Y Yang, The Chinese Univ of Hong Kong, Shatin NT, Hong Kong; Kathy O Lui, The Chinese Univ of Hong Kong, Hong Kong, Hong Kong; Xiao-Yu Tian, The Chinese Univ of Hong Kong, Sha Tin N T, Hong Kong
P3026	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Multimodal Imaging To Identify Pre-signals For Acute Aortic Dissection By Using Marfan Syndrome Model Mouse	KAORI SUGIYAMA, Masahiro Ando, Hiroko Matsunaga, Ryota Wagatsuma, Waseda Univ, Shinjuku, Tokyo, Japan; Haruki Uchino, RIKEN center for Integrative Medical Science, Yokohama, Japan; Kenichi Kimura, Univ of Tsukuba, Tsukuba, Japan; Katja Schenke-layland, Eberhard Karls Univ Tübingen, Tübingen, Germany; Makoto Arita PhD, RIKEN center for Integrative Medical Science, Yokohama, Japan; Hiromi Yanagisawa, Univ of Tsukuba, Tsukuba, Japan; Haruko Takeyama, Waseda Univ, Shinjuku, Tokyo, Japan
P3027	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Potassium Adaptation Down-regulates PSGL-1 And I-CAM-1 Gene Expressions In Salt -Induced Hypertensive Sprague Dawley Rats	Olutayo I Ajayi, UNIVERSITY OF RWANDA, Huye, Rwanda; MARTHA O OBAYUWANA, UNIVERSITY OF BENIN, Benin city, Nigeria
P3029	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Role Of Fatty Acid Synthase In The Modulation Of Vascular Smooth Muscle Cells Into A Foam Cell Phenotype	Bethany J Bogan, Emory Univ, Snellville, GA; Holly C Williams, Claire Holden, Emory Univ Sch of Med, Atlanta, GA; Amir Rezvan, Alejandra San Martin, EMORY UNIVERSITY, Atlanta, GA

P3030	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Reduced Exercise Capacity Occurs Before Intrinsic Changes In Skeletal Muscle In Experimental Rat Models Of Pulmonary Hypertension	Peng Zhang, Providence VA Medical Ctr, Brown Univ, Providence, RI; Denielli da Silva Goncalves Bos, Alexander Vang, Providence VA Medical Ctr, Providence, RI; Julia Feord, Providence VA Medical Ctr, Brown Univ, Providence, RI; Danielle McCullough, Edward Via Coll of Osteopathic Med, Auburn, AB; Aleksandra Zimmer, Natalie D'Silva, Providence VA Medical Ctr, Brown Univ, Providence, RI; Richard T Clements, URI Coll of Pharmacy, Kiston, RI; Gaurav Choudhary, PROVIDENCE VAMC, BROWN UNIVERSITY, Providence, RI
P3031	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Cross Talk Between Increased Abdominal Adiposity And Calcification Of Aortic Valve	Rihab Bouchareb, Mount Sinai, New York, NY
P3032	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	15(<i>R</i>)-lipoxin A ₄ Contributes To Splenic Erythrophagocytosis Via Activation Of ALX/FPR2	Brian Sansbury, Univ of Louisville, Louisville, KY; Haley Asplund, Univ of Louisville, Louisvlile, KY; Jing-Juan Zheng, Univ of Louisville, Louisville, KY; Nolan Boyd, UNIVERSITY OF LOUISVILLE, Louisville, KY; Jason Hellmann, Univ of Louisville, Louisville, KY
P3033	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Thrombospondin-1 Promotes Vascular Smooth Muscle Cell De-differentiation In Diabetes	Shreya Gupta, Kent State Univ, Kent, OH; Amy Mathias, NEOMED, Rootstown, OH; Jason Lallo, NEOMED, Rootstown, OH, Canton, OH; Neha Bhavnani, Kent State Univ, Kent, OH; Priya Raman, NEOMED - IMS, Rootstown, OH
P3034	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Placental Lymphatics In Pregnancy And Preeclampsia	Benoit Niclou, Sydney Ginn, Lanfang Wang, Giji Joseph, Rebecca D Levit, Emory Univ Sch of Med, Atlanta, GA

P3035	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Incidence, Complications And Outcomes Of Cerebral Venous Sinus Thrombosis In Patients With Acute Ischemic Stroke	Tilachan Parajuli, UAB Montgomery Internal Med Residency, Montgomery, AL; urza Niroula, Bhaktapur Cancer Hosp, Bhaktapur, Nepal; Tanveer Mir, wayne state university, Detroit, MI; Shahzad Hassan, Boston Univ Sch of Medicin, Boston, MA; Waqas Qureshi, Univ of Massachusetts, Shrewsbury, MA; Abhishek Dutta, Nazareth Hosp, Philadelphia, PA; Shivani Mehta, Trinity Health Oakland/Wayne State Univ, Pontiac, MI
P3036	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Circular RNA Decoys Targeting MiR-146a As A Promising Therapeutic Strategy To Improve Vascular Regeneration	Solveig Boettcher, Katrin Kalies, Kai Knoepp, Univ Hosp Halle, Halle (Saale), Germany; Jochen Dutzmann, Univ Hosp Halle, Halle, Germany; Stefan Huettelmaier, Inst for Molecular Med, Halle (Saale), Germany; Daniel Sedding, Univ Hosp Halle, Halle (Saale), Germany
P3037	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	MicroRNA-205 Is Required For Normal Cell Cycle And Cardiac Growth In The Neonatal Mouse Heart.	Patrick G Burgon, Qatar Univ, Doha, Qatar; Jonathon Weldrick, Univ of Ottawa, Ottawa, ON, Canada; Rui Yi, Northwestern Univ, Chicago, IL; Lynn Megeney, Ottawa Hosp Res Inst, Ottawa, ON, Canada
P3038	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Novel MicroRNAs Targeting Myosin Binding Protein-C3 Gene In Hypertrophic Cardiomyopathy	Kalyani Ananthamohan, Akhil Baby, Univ of Cincinnati, Cincinnati, OH; Anil Jegga, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Sakhivel Sadayappan, Univ of Cincinnati, Cincinnati, OH
P3039	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Biophysical Action Of Microrna-1 Is Critical To Maintaining The Homeostasis Of The Heart	Dandan Yang, Xiaoping Wan, Ege Kacira, Xianyao xu, Feng Tang, The Ohio State Univ, Columbus, OH; Thomas J Hund, THE OHIO STATE UNIVERSITY, Columbus, OH; Peter J Mohler, THE OHIO STATE UNIVERSITY MED CTR, Columbus, OH; Isabelle Deschenes, Jidong A Fu, The Ohio State Univ, Columbus, OH

P3040	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Development Of A Protein Synthesis Network At The Sarcoplasmic Reticulum In Adult Cardiomyocytes	Christoph Hofmann, Dept of Cardiology, Angiology, and Pneumology, Univ Hosp Heidelberg, Heidelberg, Germany; Sören Brandenburg, Dennis Uhlenkamp, Heart Res Ctr Göttingen, Dept of Cardiology & Pneumology, Univ Medical Ctr Göttingen, Göttingen, Germany; Bianca Meyer, Dept of Cardiology, Angiology, and Pneumology, Univ Hosp Heidelberg, Heidelberg, Germany; Clara Sandmann, UNIVERSITY CLINIC HEIDELBERG, Heidelberg; Nicole Herzog, Julia Groß, Viviana Sramek, Marc Renz, Dept of Cardiology, Angiology, and Pneumology, Univ Hosp Heidelberg, Heidelberg, Germany; Hugo A Katus, UNIVERSITY HOSPITAL HEIDELBERG, Heidelberg; Stephan E Lehnart, UNIV MEDICAL CENTER GOETTINGEN, Goettingen; Mirko Völkens, UNIV MEDICAL CENTER GOETTINGEN, Goettingen, Heidelberg; Shirin Doroudgar, Univ of Arizona, Phoenix, AZ
P3041	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Stage-specific Alternative Rna Splicing Attunes Cardiomyocyte Proliferation And Contraction	Peiheng Gan, UT Southwestern Medical Ctr, Dallas, TX; Zhaoning Wang, La Jolla, CA; Rhonda S Bassel-Duby, UT SOUTHWESTERN MEDICAL CENTER, Plano, TX; Ning Liu, UT Southwestern Medical Ctr, Dallas, TX; Eric N Olson, UNIV TEXAS SOUTHWESTERN MED CTR, Dallas, TX
P3042	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiomyocyte MicroRNA-125a-5p Plays A Vital Protective Role In Myocardial Infarction And Directly Represses Proapoptotic GTP-Cyclohydrolase I Feedback Regulator	Taiki Hayasaka, Marisa Sepulveda, Indiana Univ, Indianapolis, IN; Il-man Kim, INDIANA UNIVERSITY, Indianapolis, IN
P3043	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mir92b-3p: A Key Regulator In Vascular Homeostasis And Remodelling	Jan Michael Köster, Katrin Kalies, Solveig Boettcher, Fiene Daniel, Laura Hehl, Simon Guerlach, Kai Knoepp, Jochen Dutzmann, Daniel SEDDING, Univ Hosp Halle (Saale), Halle, Germany

P3044	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	MicroRNA-127-3p Regulates Inflammatory Response In Injury-induced Vascular Remodeling And Cellular Senescence In Vascular Smooth Muscle Cells	Fiene Daniel, Katrin Kalies, Laura Hehl, Simon Guerlach, Jan Michael Köster, Solveig Boettcher, Kai Knoepp, Jochen Dutzmann, Daniel SEDDING, Univ Hosp Halle (Saale), Halle, Germany
P3045	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	MicroRNA-31-5p Is Upregulated During Neointima Formation And Promotes Smooth Muscle Cell Proliferation And Migration By Regulating Krüppel-like Factor 4 (KLF4)	Simon Gürlach, Katrin Kalies, Fiene Daniel, Jan Michael Köster, Solveig Boettcher, Laura Hehl, Kai Knoepp, Jochen Dutzmann, Jan-Marcus Daniel, Daniel Sedding, Univ Hosp Halle (Saale), Halle, Germany
P3046	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Effect Of MicroRNA-367-3p And MicroRNA-148a-3p On Vascular Endothelial Cells In Context Of Senescence And Infarct Healing	Laura Hehl, Katrin Kalies, Fiene Daniel, Kai Knoepp, Jochen Dutzmann, Daniel SEDDING, Jan Michael Köster, Simon Guerlach, Solveig Boettcher, Univ Hosp, Halle (Saale), Germany
P3047	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Alternative Splicing Networks During Postnatal Mouse Atria Development	Gabrielle Gentile, Eric Blue, Jimena Giudice, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
P3048	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	<i>Ppp1r1b-lncRNA</i> Regulates Cardiomyocytes Differentiation Via Epigenetic Modulation Of <i>Tbx5</i> Promoter	Xuedong Kang, John Hwang, Marlin Touma, UCLA DAVID GEFKEN SCHOOL MEDICINE, Los Angeles, CA
P3049	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Exploring The Therapeutic Potential Of Aav-mediated Restoration Of Col6a2 In A Mouse Model Of Ullrich Muscular Dystrophy	Julian R Havens, Cincinnati Children's Hosp, Cincinnati, OH; Vikram Prasad, West Chester, OH; Scott Blair, West Chester, OH, Cincinnati, OH; Jeff D Molkentin, CHILDRENS HOSPITAL MED CTR, Cincinnati, OH

P3050	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	<i>Cpne5</i> Is Necessary For Normal Murine Sinoatrial Node Function <i>In Vivo</i>	Lu Ren, Stanford Univ, Palo Alto, CA; Phung Thai, Sruthi Mantri, Stanford Sch of Med, Stanford, CA; Lauren Duan, Felix Atzert, Stanford Univ, Stanford, CA; Benjamin Beyersdorf, Technical Univ Munich, Munich; Nipavan Chiamvimonvat, Univ of California, Davis, Davis, CA; Sean M Wu, STANFORD UNIVERSITY, Stanford, CA; William R Goodyer, Stanford Univ, SAN FRANCISCO, CA
P3051	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Master Splicing Regulator Rbpms2 Is Not Required For Murine Cardiac Development Or Contractile Function	Jared M McLendon, Univ of Iowa, Iowa City, IA; Xiaoming Zhang, THE UNIVERSITY OF IOWA, Iowa City, IA; Ryan L Boudreau, UNIVERSITY OF IOWA, Iowa City, IA
P3052	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	RNA Binding Protein Csd2 Is Required For Metabolic And Cardiac Stress Responses	Jared M McLendon, Univ of Iowa, Iowa City, IA; Xiaoming Zhang, THE UNIVERSITY OF IOWA, Iowa City, IA; Ryan L Boudreau, UNIVERSITY OF IOWA, Iowa City, IA
P3054	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Further Delineation And Exploration Of The Cardiac MicroRNA-Target Interactome	Bailey Peck, UNIVERSITY OF IOWA, Iowa City, IA; Jared M McLendon, Univ of Iowa, Iowa City, IA; Ryan L Boudreau, UNIVERSITY OF IOWA, Iowa City, IA
P3055	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Identification Of Cell-intrinsic Effects Of Clonal Hematopoiesis In Heart Failure	Wesley T Abplanalp, Goethe Univ, Frankfurt Am Main, Germany; Bianca Schuhmacher, Sebastian Cremer, Maximilian Merten, Goethe Univ, Frankfurt am Main, Germany; Igor Macinkovic, Szumlakiwska Mariana, Goethe Univ, Frankfurt Am Main, Germany; Andreas M Zeiher, Goethe Univ, Frankfurt am Main, Germany; David John, Stefanie Dimmeler, Goethe Univ, Frankfurt Am Main, Germany
P3056	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiac Fibroblast GSK-3 α Contributes To Chronic Inflammation In The Ischemic Heart	Prachi Umbarkar, Suma Ejantkar, Sulivette Ruiz Ramirez, Sultan Tousif, Angelica Toro Cora, Qinkun Zhang, Hind Lal, Univ of Alabama at Birmingham, Birmingham, AL

P3058	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Myocardial Infarction Impairs T Lymphopoiesis In Mice	Yonggang Ma, Danielle X Shane, Daria Konovalova, Sarah Y Yuan, Univ of South Florida, Tampa, FL
P3059	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Recombinant Adeno-associated Viral Vector 2/8 Model Of Interleukin 6 Mediated Chronic Inflammation	Johanna Elisabeth J Jacobs, KU Leuven UZ Leuven, Leuven, Belgium; Wannas Maes, KU Leuven, Leuven, Belgium; Ellen Caluwe, K.U. Leuven, Leuven, Belgium; Marleen Lox, KU Leuven, Leuven, Belgium; Hilde Gillijns, KU Leuven, Leuven, Belgium, Leuven, Belgium; Peter Pokreisz, KU Leuven, Leuven, Belgium; Tania Roskams, KU Leuven UZ Leuven, Leuven, Belgium; Chris Van Den Haute, KU Leuven, Leuven, Belgium; Rik Gijssbers, KU Leuven UZ Leuven, Leuven, Belgium; Stefan P Janssens, UNIV HOSP GASTHUISBERG, Leuven, Belgium; Lucas Van Aelst, Univ Hosp Leuven, Leuven, Belgium
P3060	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Modeling Immune Checkpoint Inhibitor Associated Myocarditis <i>In Vitro</i>	Garrett Jensen, Texas A&M Inst of Biosciences and Technology, Houston, TX; Xinjie Wang, TAMU, Houston, TX; Wei Zhao, TAMU, Houston, TX, Houston, TX; Zhishi chen, TAMU Health Science Ctr, Houston, TX; Wei Yu, IBT, HSC, Texas A and M Univ, Houston, TX; Nicolas L Palaskas, UT MD Anderson Cancer Ctr, Houston, TX; Clifford Stephan, Reid Powell, Texas A&M Inst of Biosciences and Technology, Houston, TX; Joseph C Wu, STANFORD UNIV SCH OF MEDICINE, Stanford, CA; Weijia Luo, TAMU, Houston, TX; Jiang Chang, TEXAS AM Univ, Houston, TX

P3061	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Development Of Molecular Targeted Therapy Against Right Ventricular Failure: Involvement In Complement C3- Factor D- C3a Pathway	Shogo Ito, Div of Cardiology, Kurume Univ, Kurume, Japan; Shinsuke Yuasa, Tokyo, Japan; Hiroyuki YAMAKAWA, Cardiology Dep. Keio Hosp., Tokyo, Japan; Jin Komuro, Keio Univ, Tokyo, Japan; Hisayuki Hashimoto, Keio Universtiy Sch of Med, Shinjuku, Japan; Mai Kimura, Keio Univ, Tokyo, Japan; Eichi Nakao, Keio Univ, Tokyo, Japan, Kurume, Japan; Keiichi Fukuda, KEIO UNIVERSITY, Tokyo, Japan; Yoshihiro Fukumoto, Kurume Univ, Cardiovascular M, Kurume, Japan
P3062	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Tet2 Maintains Genome Stablity In Cardiac Myeloid Cells	Yaling Dou, Yan Zhang, Texas AM Univ, Houston, TX; Tingting Hong, Shaohai Fang, Houston, TX; James Martin, Baylor Coll of Med, Houston, TX; Yun Huang, Texas AM Univ, Houston, TX
P3063	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Selective Release Of Mitochondrial Dna After Brief Myocardial Ischemia	Daniel M Cucinotta, Univ at Buffalo, NY, buffalo, NY; Tyler Rolland, Sumbule Zahra, Univ at Buffalo, NY, Buffalo, NY; Brian R Weil, Univ at Buffalo, Buffalo, NY
P3064	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cytotoxic T-cells Drive Doxorubicin Induced Cardiac Fibrosis And Systolic Dysfunction	Abraham L Bayer, Maria Zambrano, Hannah Elwell, Sasha Smolgovsky, Tufts Univ, Boston, MA; Kuljeet kaur, Tufts university, Boston, MA; Aarti Asnani, Beth Israel Deaconess, Arlington, MA; Pilar Alcaide, TUFTS UNIVERSITY SCHOOL MEDICINE, Boston, MA
P3065	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mechanistic Insights Into Cardiac Dysfunction And Remodeling Associated With Invasive Pneumococcal Pathogenesis	Tousif Sultan, UAB, Birmingham, AL; Daniel Minassian, Birmingham, AL; Prachi Umbarkar, UAB Sch of Med, Birmingham, AL; Chao He, UAB, Birmingham, AL; Min Xie, UAB, Birmingham, AL, Birmingham, AL; Palaniappan Sethu, Carlos J Orihuela, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL; Hind Lal, UAB, Birmiham, AL
P3066	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	TSC2-mTOR Axis Exerts Biased Control Over Macrophage Infiltration Following Myocardial Infarction	Mohammad Keykhaei, Navid Koleini, Mariam Meddeb, Mark J Ranek, Farnaz Farshidfar, Edwin Yoo, Abigail Mulligan, David A Kass, Johns Hopkins Medical Inst, Baltimore, MD

P3067	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Emerging Immune Checkpoint Therapies Reshape The Cardiac Immune Landscape And Promote Myocardial Vulnerability	Pan Ma, WashU, Saint Louis, MO; Ana Villanueva, Washington Universiti in St. Louis, St. Peters, MO; Jing Liu, Washington Universiti in St. Louis, St. Peters, MO, Xi an; Takeshi Egawa, WashU, Saint Louis, MO; Chieh-Yu Lin, Javid Moslehi, Washington Univ in St. Louis, St louis, MO; Kory J Lavine, WASHINGTON UNIVERSITY SCHOOL OF MED, Saint Louis, MO
P3068	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Hematopoietic Loss Of Y-chromosome In Circulating Monocytes Derived From Heart Failure Patients Associates With Cardiac Fibrotic Signaling	Wesley T Abplanalp, Goethe Univ, Frankfurt Am Main, Germany; Sebastian Cremer, Goethe Univ, Frankfurt am Main, Germany; David John, Goethe Univ, Frankfurt Am Main, Germany; Maximilian Merten, Bianca Schuhmacher, Igor Macinkovic, Stefanie Dimmeler, Andreas M Zeiher, Goethe Univ, Frankfurt am Main, Germany
P3069	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	ScRNA-seq And Flow Cytometry Based Analysis Reveals That Chronic Heart Failure Associates With Enhanced Activation And Clonal Expansion Of T Cells With Predictive Autoreactive Capacity	Wesley T Abplanalp, Goethe Univ, Frankfurt Am Main, Germany; Maximilian Merten, Goethe Univ, Frankfurt am Main, Germany; Sebastian Cremer, UNIVERSITSTSKLINIKUM FRANKFURT, Frankfurt; Tina Rasper, Goethe Univ, Frankfurt am Main, Germany; Kathrin Holz, Goethe Univ, Frankfurt Am Main, Germany; Bianca Schuhmacher, Igor Macinkovic, Goethe Univ, Frankfurt am Main, Germany; Lukas Tombor, David John, Goethe Univ, Frankfurt Am Main, Germany; Andreas M Zeiher, Stefanie Dimmeler, Goethe Univ, Frankfurt am Main, Germany

P3070	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Aortic Valve Calcification Is Accelerated By DNMT3A And TET2 Gene Driver Mutations Associated With Clonal Hematopoiesis	Wesley T Abplanalp, Goethe Univ, Frankfurt Am Main, Germany; Bianca Schuhmacher, Goethe Univ, Frankfurt am Main, Germany; Silvia Mas-Peiro, Goethe Univ, Frankfurt Am Main, Germany; Maria Angeles Zuriaga, Nuria Matesanz, Jose J Fuster, CNIC, Madrid; David John, Goethe Univ, Frankfurt Am Main, Germany; Marion Muhly-Reinholz, Mariuca Vasa-Nicotera, Maximilian Merten, Goethe Univ, Frankfurt am Main, Germany; Stefanie Dimmeler, Goethe Univ, Frankfurt Am Main, Germany; Andreas M Zeiher, Goethe Univ, Frankfurt am Main, Germany
P3071	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Targeting Neutrophil Sting And Type I Interferon Activation In Myocardial Ischemia-Reperfusion Injury	Maegan L Brockman, Lanfang Wang, John W Calvert, Emory Univ, Atlanta, GA; Rebecca D Levit, EMORY UNIVERSITY, Atlanta, GA
P3072	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Effects Of Antiviral Innate Immune Activation On Cytokine Secretion And Function Of Human Ipsc-derived Cardiomyocytes	Deepthi Ashok, JOHNS HOPKINS UNIVERSITY, SOM, Baltimore, MD; Ting Liu, Meghana Prakash, Jason Kim, Bryan Ho, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Kyriakos Papanicolaou, JOHNS HOPKINS UNIVERSITY SOM, Baltimore, MD; Deok-Ho Kim, JOHNS HOPKINS UNIVERSITY, Baltimore, MD; Brian O'Rourke, JOHNS HOPKINS UNIVERSITY SOM, Baltimore, MD
P3073	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Interleukin-2 Receptor Gamma Signaling Is Required For The Regenerative Adaptive Immune Response In The Adult Zebrafish Heart	Qianchen Wang, João Carneira-da-Silva, Didier Stainier, Max Planck Inst for Heart and Lung Res, Bad Nauheim, Germany
P3074	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Alkylating Chemotherapy Reshapes The Immune Landscape Of The Heart	Ruijun He, WASHINGTON UNIVERSITY IN ST LOUIS, Saint Louis, MO; Kory J Lavine, WASHINGTON UNIVERSITY SCHOOL OF MED, Saint Louis, MO

P3075	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Neutrophil Secreted Chitinase 3-like-1 Antagonizes Macrophage Reparative Polarization And Contributes To Ventricular Dysfunction After Myocardial Infarction	Jonah Stephan, Taylor Zoubul, Yibing Nong, Robert Brainard, Marcin Wysoczynski, UNIVERSITY OF LOUISVILLE, Louisville, KY
P3076	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Immune Checkpoint Regulator Impairs Left Ventricular Remodeling In A Hypertension-Fibrosis Model Of Cardiac Injury.	Jesus Jimenez, Washington Univ Sch of Med, Saint Louis, MO; Pan Ma, WashU, Saint Louis, MO; Kory J Lavine, WASHINGTON UNIVERSITY SCHOOL OF MED, Saint Louis, MO
P3077	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Withdrawal Of High Fat Diet And L-NAME Dampens T Cell Activation And Ameliorates Pathology In Experimental Heart Failure With Preserved Ejection Fraction (HFPEF) Through Modulation Of The T Cell IRE1a-XBP1 Axis	Sasha Smolgovsky, Tufts Univ, Boston, MA; Abraham Bayer, Cambridge, MA; Kuljeet kaur, Tufts university, Boston, MA; Mark Aronovitz, Erin Sanders, Tufts Univ, Boston, MA; Robert M Blanton Jr., TUFTS MEDICAL CENTER, Boston, MA; Edward B Thorp, NORTHWESTERN UNIVERSITY, Chicago, IL; Gabriele G Schiattarella, Charite Univ MDC Berlin, Berlin; Joseph A Hill, UT Southwestern Medical Ctr, Dallas, TX; Juan R Cubillos-Ruiz, Weill Cornell Med Graduate Sch of Medical Sciences, New York, NY; Pilar Alcaide, TUFTS UNIVERSITY SCHOOL MEDICINE, Boston, MA
P3078	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Stimulator Of Interferon Genes (STING) Modulates Adverse Cardiac Remodeling Induced By Cardiac Pressure Overload: New Role Of Endothelial Cell Sting In Systolic Dysfunction	Erin Sanders, Tufts Univ, Boston, MA; Noah Wagner, UMASS Boston, Boston, MA; Sasha Smolgovsky, Abraham Bayer, Brandon Theall, Tufts Univ, Boston, MA; Mark Aronovitz, Tufts Medical Ctr, Boston, MA; Kuljeet Kaur, Pilar Alcaide, Tufts Univ, Boston, MA
P3079	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Integrating Existing Cardiac Single-cell RNA Sequencing Datasets To Uncover The Role Of B-cells In Heart Disease	Kevin Bermea, Aashik Bhalodia, Charles D Cohen, Johns Hopkins Univ, Baltimore, MD; jana lovell, Sylvie Rousseau, Baltimore, MD; Marcelle D Zita, Johns Hopkins Univ, Baltimore, MD; Luigi Adamo, Johns Hopkins Unviersity, Baltimore, MD

P3080	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Macrophages Synthesize Bioactive Lipids To Modulate Cardiomyocyte Metabolism And Proliferation During Cardiac Regeneration	Connor Lantz, Northwestern Univ, Chicago, IL; Amanda C Becker, Lurie Childrens Hosp, Chicago, IL; Mallory Filipp, Northwestern Univ, Chicago, IL; Edward B Thorp, NORTHWESTERN UNIVERSITY, Chicago, IL
P3082	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Loss Of Myeloid Cell-specific Beta2-adrenergic Receptor Improves Cardiac Function After Acute Ischemia	Tapas K Nayak, Ctr for Translational Med, Lewis Katz Sch of Med, Temple Univ,, Philadelphia, PA; Anamika Bajpai, Incyte, Wilmington, DE; Rhonda Carter, Viren Patwa, Ctr for Translational Med, Lewis Katz Sch of Med, Temple Univ,, Philadelphia, PA; Erhe Gao, Lewis Katz Sch of Med at Temple Uni, Philadelphia, PA; Douglas G Tilley, Ctr for Translational Med, Lewis Katz Sch of Med, Temple Univ,, Philadelphia, PA
P3083	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Trim29 Deficiency Ameliorates Viral Myocarditis By Reducing Perk Mediated Er Stress And Ros Responses	Junying Wang, Wenting Lu, Houston, TX; Yong Du, Jerry Zhang, Laurie J. Minze, Junji Xing, Houston Methodist Hosp, Houston, TX
P3084	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Neutrophil Expansion And Netosis Are Essential For Adverse Left Ventricular Remodeling And Dysfunction In Chronic Ischemic Heart Failure	Gregg Rokosh, WUSTL, St. Louis, MO; Sergey Antipenko, Birmingham, AL; Nicolas Mayfield, IU, Bloomington, IN; Miki Jinno, Univ of Alabama Birmingham, Birmingham, AL; Matthias Gunzer, ISAS, Dortmund, Germany; Ameen Ismahil, Washington Univ at St. Louis, St Louis, MO; Tariq Hamid, Washington Univ - St. Louis, St. Louis, MO; Sumanth D Prabhu, Washington Univ in St. Louis, Saint Louis, MO
P3085	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Macrophage Landscape Across The Lifespan Of A Human Cardiac Allograft	Xiao Li, Texas Heart Inst, Houston, TX; Diwakar Turaga, Texas Children's Hosp, Houston, TX; Chang-Ru Tsai, Baylor Coll of Med, Houston, TX; Rich Gang Li, Texas Heart Inst, Houston, TX; Joseph Spinner, Edward Hickey, Baylor Coll of Med, Houston, TX; Iki Adachi, Texas Children's Hosp, Houston, TX; James F Martin, BAYLOR COLLEGE OF MEDICINE, Houston, TX

P3086	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Aldose Reductase Deletion Protects Ischemic Murine Hearts By Modulating Immune Cell Dynamics	Syed Nurul Hasan, NYU, Manhattan, NY; Gautham Yepuri, New York, NY; Nosirudeen Quadri, NYU, Manhattan, NY; Sangeeta Bhallamudi, NYU, Manhattan, NY, New York, NY; Rollanda Bernadin, Kaamashri Mangar, NYU, Manhattan, NY; Ann Schmidt, Ravichandran Ramasamy, NYU Grossman Medical Ctr, New York, NY
P3087	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Macrophage Fatty Acid Metabolism Promotes Splenic Hematopoiesis Through Mitochondrial Signaling During Heart Failure With Preserved Ejection Fraction	Mallory Filipp, Zhi-Dong Ge, Connor Lantz, Northwestern Univ, Chicago, IL; Sanjiv J Shah, Edward B Thorp, NORTHWESTERN UNIVERSITY, Chicago, IL
P3088	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Hexokinase 3 Regulates Macrophage Polarization And Cardiac Remodeling Likely Through Serine Metabolism	Amir Mahmoodzadeh, Northwestern Univ, Chicago, IL; Mohammad Keykhaei, Johns Hopkins Univ, Baltimore, MD; Ashley Akrami, Northwestern Univ, Palos Heights, IL; Spencer Spencer Duncan, Northwestern Univ, Chicago, IL; Hossein Ardehali, NORTHWESTERN UNIV, Chicago, IL
P3089	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Selective Activation Of Cardiac Macrophages To Study Injury And Repair	Rajesh K Kasam, Kelly M Grimes, Anne Katrine Z Johansen, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Ronald J Vagnozzi, Univ of Colorado Anschutz, Aurora, CO; Jeffery D Molckentin, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH
P3090	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Role Of Circular Cdr1as In Macrophage Cardiac Inflammation And Fibrosis	Carolina Gonzalez, Temple Univ, Philadelphia, PA; Maria Cimini, Temple Univ, Lewis Katz Sch, Philadelphia, PA; Cindy Benedict, TEMPLE UNIVERSITY, Philadelphia, PA; Vandana Mallareddy, May Trungcao, Temple Univ, Philadelphia, PA; Sudarsan Rajan, TEMPLE UNIVERISTY SCHOOL OF ME, Philadelphia, PA; Venkata Naga Srikanth Garikipati, Ohio State Univ Wexner MC, Columbus, OH; Raj Kishore, TEMPLE UNIVERSITY SCHOOL OF MED, Philadelphia, PA

P3091	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Suppression Of Myeloid Yap Antagonizes Adverse Cardiac Remodeling During Pressure Overload Stress	Jamie Francisco, Rutgers Biomedical Health Sciences, Newark, NJ; Dominic Del Re, RUTGERS, Newark, NJ
P3092	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Histone Deacetylase 6 Inhibitor Suppresses The Inflammation Through MIR17HG In LPS-Induced Macrophages	Selene Perales, Vinoth Sigamani, Sheeja Rajasingh, Rajasingh Johnson, UTHSC, Memphis, TN
P3093	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Early Myocarditis In The Desmoglein 2 Mutant Mouse Model Of Arrhythmogenic Cardiomyopathy	Steven Valdez, Lindsey Taylor, Univ of Utah, Salt Lake City, UT; Rachel Rosenzweig, Ohio State Univ, Columbus, OH; Shyam S Bansal, Joseph Palatinus, The Ohio State Univ, Columbus, OH
P3094	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cell-autonomous Immune Signaling In Human Cardiac Fibroblasts Modulates Fibrosis	Indulekha C L Pillai, Anisha Latha, Gayathri Vijayakumar, Sch of Biotechnology, Amrita Vishwa Vidyapeetham, vallikkavu, India
P3095	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Il-1 Signaling On Vascular Smooth Muscle Cells Accelerates Atherosclerosis After Murine Kawasaki Disease Vasculitis	Shuang Chen, CEDARS-SINAI MEDICAL CENTER, Los Angeles, CA; Youngho Lee, Cedars-Sinai Medical Ctr, Los Angeles, CA; Malcolm Lane, Debbie Moreira, Cedars Sinai Medical Ctr, Los Angeles, CA; Emily Aubuchon, Kenichi Shimada, CEDARS-SINAI MEDICAL CENTER, Los Angeles, CA; Timothy R Crother, CEDARS-SINAI MEDICAL CENTER, West Hollywood, CA; magali Noval Rivas, CEDARS-SINAI MEDICAL CENTER, Los Angeles, CA; Moshe Arditi, CEDARS-SINAI MEDICAL CENTER, West Hollywood, CA

P3096	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Nitric Oxide Supplementation During Cardiac Arrest Induces Inflammation And Apoptosis In Rat Hearts	Abou Bakr Mohamed Salama, Univ of Louisville, Louisville, KY; Daniele Linardi, Univ di Verona, Verona, Italy; Romel Mani, Univ of Verona, Verona, Italy; Maddalena M Tessari, Univ of Verona Medical Sch, Verona, Italy; Qinghui Ou, Univ of Verona Medical Sch, Verona, Italy, Louisville, KY; Bahaael Din El Sady, Great western Hosp NHS Fndn trust, Swindon, United Kingdom; Ahmed Mohammed Shaker, Natl Res institute, Cairo, Egypt; Ahmed Abdulsaboor, Zagazig Univeristy, Zagazig, Egypt; Ahmad Gebreil, Zagazig Univeristy, Zagazig, Egypt, Louisville, KY; Riham Abouleisa, UNIVERSITY LOUISVILLE, Louisville, KY; Giovanni Battista Luciani, Univ of Verona, Verona, Italy
P3097	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex-related Differences In Immune Responsiveness Of Sarcospan-deficient Mice To Metabolic Stress	Luaye Samarah, Isela C. Valera, Gisienne Reis, Aida Rahimi Kahmini, Bolade Olateju, Nazanin Mohammadipour, Michelle S Parvatiyar, Florida State Univ, Tallahassee, FL
P3098	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Immune Suppression Ameliorates A Mouse Model Of Lmna-related Cardiomyopathy With Nuclear Envelope Rupture	Atsuki En, Hanumakumar Bogireddi, Briana Thomas, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH; Alexis Stutzman, Univ of North Carolina at Chapel Hill, Durham, NC; Omar Almakki, Memorial Sloan Kettering Cancer Ctr, New York, NY; Sachie Ikegami, The Univ of Cincinnati, Cincinnati, OH; Ivan P Moskowitz, The Univ of Chicago, Chicago, IL; Kohta Ikegami, Cincinnati Children's Hosp Medical Ctr, Cincinnati, OH
P3099	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Pathogenic Innate Immune Responses Blunt The Activation Of Pro-reparative Fibroblasts After Myocardial Infarction	Van K Ninh, Justin Yu, Univ of California, San Diego, San Diego, CA; Rahul Sehgal, UCSD, San Diego, CA; Kevin King, UC San Diego, La Jolla, CA

P3100	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mice Lacking S-nitrosoglutathione Reductase (gsnor ^{-/-}), A Mouse Model Of Preeclampsia, Exhibit Increases In Oxidative And Nitrosative Stress And Deterioration Of Cardiovascular Structure And Function In The Mother Postpartum.	Raul A Dulce, INTERDISCIPLINARY STEM CELL INST, Miami, FL; Wayne Balkan, UNIV MIAMI MILLER SCHOOL MED, Miami, FL; Joshua M Hare, UNIVERSITY OF MIAMI, Miami, FL; Shathiyah Kulandavelu, UNIV MIAMI MILLER SCHOOL MED, Miami, FL
P3101	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Dietary Nitrates Negate Beneficial Cardiac Adaptations To Aerobic Exercise In A Sex-specific Manner	Elise S Bisset, Dalhousie Univ, Halifax, NS, Canada; Susan E Howlett, DALHOUSIE UNIVERSITY, Halifax, NS, Canada
P3102	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex Differences In Outcomes Among Heart Failure Hospitalizations	Sandeep Appunni, Government Medical Coll Kozhikod, Calicut, India; Muni Rubens, Miami Cancer Inst, Miami, FL; Anshul Saxena, Baptist Health South Florida, Coral Gables, FL; Venkataraghavan Ramamoorthy, Baptist Health South Florida, MIAMI, FL; Mukesh Roy, Baptist Health South Florida, Miami, FL; Md Ashfaq Ahmed, Baptist Health South Florida, Gainesville, FL; Zhenwei Zhang, Baptist Health South Florida, Gainesville, FL, Coral Gables, FL; Yanjia Zhang, Baptist Health South Florida, Miami, FL
P3103	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Heart Failure In Menopause: Treatment With Rock Inhibitor And Atorvastatin	Gisele Zapata-Sudo, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio Janeiro, Brazil; Jaqueline S Da Silva, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio de Janeiro, Brazil; Bruna Rocha, UFRJ, Rio de Janeiro, Brazil; Tadeu Montagnoli, Federal Univ Rio de Janeiro, Rio de Janeiro, Brazil; Rebeca S Cunha, Bianca Nascimento-Carlos, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rio Janeiro, Brazil; Carlos Fraga, Federal Univ of Rio de Janeir, Rio de Janeiro, Brazil

P3104	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex Differences In Vasodilation In Embryonic Coronary Arteries	Shion Nagasawa, Chiba University, Chiba, Japan; Masami Kodama, Juntendo Univ, Tokyo, Japan; Kazuho Sakamoto, Univ of Shizuoka, Shizuoka, Japan; Fujimi Kudo, CHIBA UNIVERSITY, Chiba, Japan; Ichiro Manabe, Chiba Univ, Chiba, Japan; Junko Kurokawa, UNIVERSITY OF SHIZUOKA, Shizuoka, Japan
P3105	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Stress Exacerbates Ischemia/reperfusion Injury In The Female Heart Through The Glucocorticoid Receptor Signaling In Cardiomyocytes	Lilly Kamberov, Hemangini Dhaibar, LSU Health Sciences Ctr, Shreveport, LA; Sonya Patel, Jaylen Pruiett, LSU HEALTH SCIENCE CENTER, Shreveport, LA; Xinggui Shen, LSU HEALTH - SHREVEPORT, Shreveport, LA; Wayne W Orr, LSU HEALTH SCIENCES CENTER, Shreveport, LA; Steven R Bailey, LSU Health, Shreveport, LA; Christopher Kevil, LSU HEALTH SHREVEPORT, Shreveport, LA; Robert H Oakley, NIEHS/NIH, Rtp, NC; John Anthony Cidlowski, Natl Institutes of Health, RTP, NC; Diana Cruz-Topete, LSU HEALTH SCIENCE CENTER, Shreveport, LA
P3106	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex-specific Limitation Of Cardiac Capacity: Return To Fundamental Structure And Function.	Meihan Guo, Candela Diaz-Canestro, David Montero, Univ of Hong Kong, Hong Kong, Hong Kong
P3107	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sexual Dimorphism In Diastolic Dysfunction And Cardiac Small Vessel Disease In Heart Failure With Preserved Ejection Fraction Mouse Models	Lauriane Cornuault, Virginie Grouthier, Paul Rouault, Célia Bourguignon, Ninon Foussard, Candice Chapouly, Alain-Pierre Gadeau, Thierry Couffinhal, Marie-Ange Renault, INSERM 1034 Biology of Cardiovascular Diseases, Bordeaux, France
P3108	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mouse <i>In Utero</i> Plus Neonatal Sertraline Exposure May Result In A Sex-dependent Risk Of Myocardial Infarction In Adulthood	Yongjun Lu, UNIVERSITY IOWA, Iowa City, IA; Elizabeth Kenkel, Seattle, WA; Kathy Zimmerman, Univ of Iowa, Iowa City, IA; Robert M Weiss, UNIVERSITY IOWA, Iowa City, IA; Robert Roghair, Sarah E Haskell, UNIVERSITY OF IOWA, Iowa City, IA

P3110	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex Differences In Ventricular Tachycardia Ablation In-hospital Outcomes: An Analysis From The National Inpatient Sample Database	Yasmeen Taha, Univ of Florida--Gainesville, Gainesville, FL; Ahmad Mahmoud, Univ of Florida, Gainesville, FL; Mohammed Elzeneini, Univ of Florida, Gainesville, FL, Gainesville, FL; Mohammed Ruzieh, Univ of Florida--Gainesville, Gainesville, FL; Carl J Pepine, Univ of Florida, Gainesville, FL; Zubin Agarwal, Univ of Florida--Gainesville, Gainesville, FL
P3111	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex Differences In The Proteomic Response To Chronic Myocardial Ischemia In Swine	Mark Broadwin, Rhode Island Hosp, providence, RI; Dwight Harris, Boston, MA; Sharif A Sabe, Boston, MA, Brookline, MA; Cynthia Xu, Boston, MA, Brookline, MA, Pawtucket, RI; Mohamed Sabra, Brown Univ, Providence, RI; Ruhul Abid, BROWN UNIV WARREN ALPERT MED, Providence, RI; Frank W Sellke, Brown Medical Sch, Providence, RI
P3112	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Effects Of Sex Hormones On Intestinal Lipoprotein Size	Andromeda M. Nauli, Western Michigan Univ Homer Stryker M.D. Sch of Med, Kalamazoo, MI; Ann Phan, Desert Valley Hosp, Victorville, CA
P3113	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Apyrase But Not Dipyridamole Improves Cardiac Function In Ovariectomized High-fat Diet Mice	Adnan Ali Khan, Elizabeth Russ, Beth Israel Deaconess Medical Ctr, Harvard Medical Sch, Boston, MA; Ahmed Sohail, Beth Israel Deaconess Medical Cente, Boston, MA; Yifan Bu, Beth Israel Deaconess Medical Ctr, Harvard Medical Sch, Boston, MA; Eitezaz Mahmood, Lahey Hosp & Medical Ctr, Boston, MA; Ruma Bose, Lahey Hosp & Medical Ctr, Boston, MA, Boston, MA; Jessica Cassavaugh, Lahey Hosp & Medical Ctr, Boston, MA, Boston, MA, Boston, MA; Kamal Khabbaz, Beth Israel Deaconess Medical Ctr, Harvard Medical Sch, Boston, MA; Feroze Mahmood, BETH ISRAEL DEACONESS MEDICAL, Westwood, MA; simon robson, BETH ISRAEL DEACONESS MEDICAL, Westwood, MA, Boston, MA; Robina Matyal, Beth Israel Deaconess Medical, Sharon, MA

P3114	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex Differences In Ventricular Function And Mortality In Sema3a Deficient Mice With Dilated Cardiomyopathy	MARISSA PENNINO, UCLA, Los Angeles, CA; Alhassan Dajani, Jaime Contreras, Nigel M Arreola, UCLA, Los Angeles, CA; Patrick Y Jay, Alnylam Pharmaceuticals, Wayland, MA; Ching Zhu, Kalyanam Shivkumar, Olujimi A Ajijola Jr., UCLA, Los Angeles, CA
P3115	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Disruption Of Assembly By Estrogen Limits Microtubule Proliferation In Failing Heart Cells	Allison Ogren, Simone Stark, Mark McClellan, Lynn Hartweck, Kurt W Prins, Melissa Gardner, Univ of Minnesota, Minneapolis, MN
P3116	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Age-Related Cardiac Changes In S-Nitrosoglutathione Reductase Knockout Mice	Obialunanma V Ebenebe, Raihan Kabir, Haley Garbus, Bloomberg Sch of Public Health, Johns Hopkins Univ, Baltimore, MD; Vivek Jani, Luigi Adamo, Johns Hopkins Univ Sch of Med, Baltimore, MD; Mark J Kohr Jr., Bloomberg Sch of Public Health, Johns Hopkins Univ, Baltimore, MD
P3117	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiac Proteomics Analysis Reveals Sex-related Differences In Doxorubicin-induced Delayed Cardiotoxicity	Ibrahim Y. Abdelgawad, Benu George, Marianne Grant, Yingbo Huang, Yuting Shan, R. Stephanie Huang, Beshay Zordoky, Coll of Pharmacy, Univ of Minnesota, Minneapolis, MN
P3118	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Gender Differences In The Efficacy Of A Mobile-based Self-management Program For Patients With Heart Failure	Jeong-Ah Ahn, Ajou Univ, Suwon, Korea, Republic of
P3119	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Identifying The Windows Of Cardiac Risk And Opportunity In Menopause	Ciara Barry, Sarah Rouhana, Jinan Saboune, UNIVERSITY OF GUELPH, Guelph, ON, Canada; Jessica L. Braun, Mia S. Geromella, Val A. Fajardo, BROCK UNIVERSITY, St. Catharines, ON, Canada; W. Glen Pyle, UNIVERSITY OF GUELPH, Guelph, ON, Canada

P3120	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Persistent Cardiac Dysfunction In Ovariectomized Independent Of Metabolic Disturbance	Ahmed Sohail, Beth Israel Deaconess Medical Ctr, Boston, MA; Adnan Ali Khan, Boston, MA; Elizabeth Russ, Boston, MA, Brighton, MA; Eitezaz Mahmood, Yifan Bu, northshore university hospital, manhasset, NY; Feroze Mahmood, BETH ISRAEL DEACONESS MEDICAL, Westwood, MA; Ruma Bose, BETH ISRAEL DEACONESS MEDICAL, Westwood, MA, Boston, MA; Kamal Ramez Khabbaz, Beth Israel Deaconess Medical Cente, Boston, MA; simon robson, Beth Israel Deaconess Medical Cente, Boston, MA, Boston, MA; Robina Matyal, Beth Israel Deaconess Medical, Sharon, MA
P3121	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Overcoming Gender Bias In Cardiovascular Research Using Mice Models By Monitoring Metabolic Differences Between Genders Using Indirect Calorimetry	Yuka Kimura, Manish K Gupta, Div of Metabolic and Cardiovascular Sciences, Burnett Sch of Biomedical Sciences, Coll of Med, Univ of Central Florida, Orlando, FL
P3122	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	<i>Rap1gap2</i> Fine-mapping For Causal Variants Of Prevalent Ischemic Heart Disease Among Diverse Postmenopausal Women From The Women's Health Initiative	Jennifer R Dungan, Huaizhen Qin, Ayumi Franco-Sazaqui, Matthew Eynon, Univ of Florida, Gainesville, FL; Simon G. Gregory, Duke Univ, Durham, NC; Rhonda M Cooper-Dehoff, UNIVERSITY OF FLORIDA, Gainesville, FL; Carl J. Pepine, Univ of Florida, Gainesville, FL
P3123	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex-related Differences In Cardiac Biomarkers And Ventricular Fibrosis In A Minipig Model Of Hypertrophic Cardiomyopathy	Aileen Castro Coronado, Gail E Geist, Bristol Myers Squibb, Brisbane, CA; Trisha Smit, Exemplar Genetics, Sioux Center, IA; Christopher Rogers, Exemplar Genetics, Sioux Center, IA, Coralville, IA; Frank Rohret, Exemplar Genetics, Oxford, IA; Carlos L Del Rio, Bristol Myers Squibb, Brisbane, CA; Ricardo Garcia, BRISTOL MYERS SQUIBB, Pennington, NJ; David M Ryba, Bristol Myers Squibb, Brisbane, CA

P3124	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Chronic Infusion Of Angiotensin II Promotes Ventricular Fibrosis And Diastolic Dysfunction In Aging Male But Not Female Mouse Hearts	Manish Mishra, Ninh Khuong, Shubham Banga, Dalhousie Univ, Halifax, NS, Canada; Susan E Howlett, DALHOUSIE UNIVERSITY, Halifax, NS, Canada
P3125	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Big Data Evaluation Of Cardiac Remodeling Trajectories After Myocardial Infarction In Male And Female Mice	Jocelyn R Rodriguez-Paar, Univ of Nebraska Medical Ctr, Omaha, NE; Jop van Berlo, Univ of Minnesota Twin Cities, Minneapolis, MN; Merry L Lindsey, Meharry Medical Coll, Nashville, TN; Upendra Chalise, Univ of Minnesota Twin Cities, Minneapolis, MN
P3126	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Atrial Fibrillation Is Associated With Decreased Claudin-5 In Cardiomyocyte	Tao Luo, Baihe Chen, Zhuhai Campus of Zunyi Medical Univ, Zhuhai, China; Haiqiong Liu, Yuanzhou Wu, Zhujiang Hosp, Southern Medical Univ, Guangzhou, China; Ahmed Abdel-Latif, Univ of Kentucky, Lexington, KY; Jin Kuyng Kim, Univ of California Irvine Medical Ctr, Irvine, CA; Masafumi Kitakaze, Hanwa Memorial Hosp, Osaka, Japan
P3127	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Atrial Myocytes From Patients With Paroxysmal Atrial Fibrillation Show A Higher Predisposition To Arrhythmogenic Action Potential Alternans	Funsho E Fakuade, Vanessa Steckmeister, UNIVERSITY MEDICAL CENTRE, Gottingen, Germany; Fitzwilliam Seibertz, Goettingen; Fleur E Mason, UNIVERSITY MEDICAL CENTRE, Gottingen, Germany; Katharine M Dibb, Univ of Manchester UK, Manchester; Ingo Kutschka, UNIVERSITY MEDICAL CENTRE, Gottingen, Germany; Niels Voigt, UNIVERSITY Goettingen, Goettingen
P3128	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Synapse-associated Protein 97 Is Necessary For Enhancing Cardiac Contractility Via Beta1 Adrenoceptor-neuronal Nitric Oxide Synthase Pathway And Guanosine3',5'-cyclic Monophosphate Signaling	Sherif M Bahriz, Bing Xu, UC Davis, Davis, CA; Chaoqun Zhu, Univ of California, Davis, Davis, CA; Meimi Zhao, Dept of Pharmacology, UC Davis, Davis, CA; Victoria Salemme, Univ of California Davis, Davis, CA; Yang K Xiang, UNIVERSITY CALIFORNIA, Davis, CA

P3129	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Strain-induced Cardiac Arrhythmias Caused By A Noonan Syndrome Mutation In Raf1 Can Be Suppressed By Modulation Of The Ras-mapk Pathway <i>In Vitro</i>	<p>Fereshteh Haghghi, Leonie Boehmker, Aiste Liutkute, Karolin Kleemann, Clinic for Cardiothoracic and Vascular Surgery, Univ Medical Ctr Goettingen, Goettingen, Germany; Alexandra V. Busley, Stem Cell Unit, Clinic of Cardiology and Pulmonology, Univ Medical Ctr Goettingen, Goettingen, Germany; Jan P. Pietras, Clinic for Cardiothoracic and Vascular Surgery, Univ Medical Ctr Goettingen, Goettingen, Germany; Funsho E. Fakaude, Fitzwilliam Seibertz, Tony Rubio, Inst of Pharmacology and Toxicology, Univ Medical Ctr Goettingen, Goettingen, Germany; Ingo Kutschka, Clinic for Cardiothoracic and Vascular Surgery, Univ Medical Ctr Goettingen, Goettingen, Germany; Martin Zenker, Inst of Human Genetics, Univ Medical Ctr Magdeburg, Magdeburg, Germany; Niels Voigt, Inst of Pharmacology and Toxicology, Univ Medical Ctr Goettingen, Goettingen, Germany; Lukas Cyganek, Stem Cell Unit, Clinic of Cardiology and Pulmonology, Univ Medical Ctr Goettingen, Goettingen, Germany; George Kensah, Clinic for Cardiothoracic and Vascular Surgery, Univ Medical Ctr Goettingen, Goettingen, Germany</p>
P3130	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Preventing Site-specific Calpain Cleavage Of Junctophilin-2 Protects Against Stress-induced E-c Coupling Dysfunction And Heart Failure Development In Mice	<p>Jinxi Wang, Univ of IOWA, Iowa city, IA</p>
P3131	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	SIRTUIN5 Modulates Na^{+}/Ca^{2+} Handling Through Oxidative Stress Dependent Mechanism In Mouse Heart	<p>Jin-Young Yoon, Biyi Chen, Song Ling Sheng, The Univ of Iowa, Iowa City, IA; David B Lombard, Univ of Miami, Miami, FL; Barry London, The Univ of Iowa, Iowa City, IA</p>

P3132	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Tgfβ Signaling Triggers Nonmyocyte Gene Expression In Tbx18-induced Pacemaker Myocytes And Abbreviates Their Automaticity	Jinqi Fan, Hee Cheol Cho, John Hopkins Univ, Baltimore, MD
P3133	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Role Of Myofilament-associated Neuronal NOS For Ca ²⁺ Desensitization Via Troponin I Phosphorylation In The Right Ventricular Cardiomyocytes Of Rats	Young Keul Jeon, Jae Won Kwon, Sung Joon Kim, Seoul Natl Univ, Seoul, Korea, Republic of
P3134	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Impaired Calcium Homeostasis Underlies Lamin A/C Mutation R331Q Associated Atrial Fibrillation	Aiste Liutkute, Mario Pavez-Giani, Izzatullo Sobitov, Univ Medical Ctr Goettingen, Goettingen, Germany; Stan van Wijk, Amsterdam Univ Medical Ctr, Amsterdam, Netherlands; Samuel Sossalla, Univ Medical Ctr Regensburg, Regensburg, Germany; Lukas Cyganek, Univ Medical Ctr Goettingen, Goettingen, Germany; Bianca J Jjm Brundel, Amsterdam Univ Medical Ctr, Amsterdam, Netherlands; Niels Voigt, Univ Medical Ctr Goettingen, Goettingen, Germany
P3135	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	<i>In Vivo </i>Dissection Of CaMKII-Mediated Arrhythmias In CPVT	Nikoleta Pavlaki, Boston Children's Hosp and Harvard Medical Sch, Boston, MA; Sofia de la Serna Buzon, Mason Sweat, Boston Childrens Hosp, Boston, MA; William T Pu, Boston Children s Hosp, Boston, MA; Steven Marx, Boston Children s Hosp, Boston, MA, New York, NY; Vassilios J Bezzerides, BOSTON CHILDRENS HOSPITAL, Boston, MA
P3136	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Alternative Polyadenylation Of Scn5a Generates A Novel N-terminal Nav1.5 Microprotein	Nathan H Witmer, Jared M McLendon, Xiaoming Zhang, Colleen Stein, Jin-Young Yoon, Barry London, Ryan L Boudreau, Univ of Iowa, Iowa City, IA

P3137	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The C-terminus Of Rad Is Required For Regulation Of The Cardiac Ca _v 1.2 Channel	Garrett Elmore, Univ of Kentucky, Lexington, KY; Brooke M Ahern, US Army Combat Capabilities Development Command Chemical Biological Ctr, Aberdeen Proving Ground, MD; Andrea Sebastian, Sarisha Lohano, Nicholas McVay, Bryana Levitan, Alec Dupont, Doug A Andres, Jonathan Satin, Univ of Kentucky, Lexington, KY
P3138	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Potential Mechanism Of SR-Ca ²⁺ Uptake During Myocardial Infarction; A Molecular Explanation Of Ca ²⁺ Arrhythmogenicity Of Purkinje Fibers In The Ischemic Heart.	Ruhul Amin, MEMORIAL UNIVERSITY of NEWFOUNDLAND, St Johns, NL, Canada; Louisa Wiede, Memorial Univ of Newfoundland, St. John's, NL, Canada; Wen Dun, COLUMBIA UNIV, New York, NY, United States, New York, NY; Kazi T Haq, Oregon Health Science Univ, Portland, OR; Jules Dore, MEMORIAL UNIVERSITY of NEWFOUNDLAND, St Johns, NL, Canada; Henk E.D.J. Ter Keurs, UNIVERSITY of CALGARY, Calgary, AB, Canada; Penelope A Boyden, COLUMBIA UNIV, New York, NY; Bruno D Stuyvers, MEMORIAL UNIVERSITY of NEWFOUNDLAND, St Johns, NL, Canada
P3139	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Unsupervised Anomaly Detection For Identifying Arrhythmogenic Rhythms In Atrioventricular Block Hearts Using Deep Convolutional Autoencoders	Hyeong Kyun Park, Emory Univ,, Atlanta, GA; Young Hoon Son, Nam Kyun K Kim, Emory university, Atlanta, GA; Jeongin Jang, Duluth, GA; Christina Sheng, Duluth, GA, Tucker, GA; Dahim Choi, Emory university, Decatur, GA; Junbeom Park, Hee Cheol Cho, Emory university, Decatur, GA, Seoul; Sung-Jin Park, Emory Univ,, Atlanta, GA

P3140	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Extracellular Vesicle MicroRNA Cargo Drives Ventricular Arrhythmia In Heart Failure Patients By Recapitulating Developmental Genes	<p>Priyanka Gokulnath, Massachusetts General Hosp -Harvard Medical Sch, Boston, MA; Michail Spanos, Mass General Hosp -Harvard Medical Sch, Boston, MA; Helge I. Lehmann, Massachusetts General Hosp -Harvard Medical Sch, Boston, MA; Quanhu Sheng, Massachusetts General Hosp - Harvard Medical Sch, Boston, MA, Nashville, TN; Ling Xiao, Massachusetts General Hosp -Harvard Medical Sch, Boston, MA, Nashville, TN, Boston, MA; Nedyalka Valkov, Avash Das, MGH, Boston, MA; Emeli Chatterjee, Guoping Li, Massachusetts General Hosp, Boston, MA; Eric Alsop, Kendall Van Keuren-Jensen, TGEN, Phoenix, AZ; Ravi V Shah, Nashville, TN; Saumya Das, Mass General Hosp, Boston, MA</p>
P3141	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Age-associated Alterations In Sialylation Affect Nav1.5 Channel Function And Contribute To Cardiac Dysfunction	<p>Adriana Tarantino, Univ Vita-Salute San Raffaele, Milan, Italy; Simona Coviello, IRCCS Policlinico San Donato, Milan, Italy; Andrea Ghiroldi, IRCCS Policlinico San Donato, San Donato Milanese, Italy; Dario Melgari, Inst for Molecular and Translational Cardiology (IMTC), Milan, Italy; Anthony Frosio, Inst for Molecular and Translational Cardiology (IMTC), San Donato Milanese, Italy; Serena Calamaio, IRCCS Policlinico San Donato, San Donato milanese, Italy; Marco Piccoli, IRCCS Policlinico San Donato, San Donato Milanese, Italy; Giuseppe Ciconte, Arrhythmology Dept, IRCCS Policlinico San Donato, San Donato Milanese, Italy; Carlo Pappone, Policlinico San Donato, San Donato Milanese, Italy; Luigi Anastasia, Vita-Salute San Raffaele Univ, Mllan, Italy</p>

P3142	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Engineering A Genetically Encoded Enhancer Of L-type Ca ²⁺ Currents	Pedro Javier Del Rivero Morfin, Srinidhi Jayaraman, Lin Yang, Audrey Kochiss, Columbia U. Irving Medical Ctr, New York, NY; Henry M Colecraft, COLUMBIA UNIVERSITY, New York, NY; Steven Marx, COLUMBIA UNIVERSITY, New York, NY, New York, NY; Manu Ben-Johny, Columbia U. Irving Medical Ctr, New York, NY
P3144	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	A Deep Neural Network Algorithm For Accurate Detection Of Brugada Syndrome Features In Electrocardiograms	Luke Melo, The Univ of British Columbia, Vancouver, BC, Canada; Giuseppe Ciconte, IRCCS Policlinico San Donato, San Donato Milanese, Italy; Ashton Christy, The Univ of British Columbia, Vancouver, BC, Canada; Gabriele Vicedomini, IRCCS Policlinico San Donato, San Donato Milanese, Italy; Luigi Anastasia, Univ Vita-Salute San Raffaele, Milano, Italy; Edward Grant, The Univ of British Columbia, Vancouver, BC, Canada; Carlo Pappone, Policlinico San Donato, San Donato Milanese, Italy
P3145	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Enhancing Cardiac Cav1.2 Ion Channel Function By Targeted Deubiquitination	Sri Karthika Shanmugam, Papiya Choudhury, Columbia Univ Medical Ctr, New York, NY; Henry M Colecraft, COLUMBIA UNIVERSITY, New York, NY
P3146	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiac Stress-induced Arrhythmias And Myocardial Infarction Via Specific Genetically Phosphodeleted Sites In Connexin 43 Channels	Manuel F. Munoz, Thao Nguyen, Janet Nuno, Jorge Contreras, Univ of California, Davis, Davis, CA
P3148	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Wnt/ β -catenin Signaling Inhibits T-type Calcium Current And Causes Sinoatrial Node Dysfunction	Kaya Florczak, Aizhu Lu, Jerry Wang, Ruonan Gu, Ying Xia, Hongwei Wang, Darryl R Davis, Wenbin Liang, Univ of Ottawa Heart Inst, Ottawa, ON, Canada
P3149	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Effect Of SGLT2 Inhibitors On Atrial Fibrillation Susceptibility In Diabetic Mice	Jonathan Granger, Johns Hopkins Univ, Baltimore, MD; Pauline Nguyen, Olurotimi O Mesubi, JOHNS HOPKINS UNIVERSITY, Baltimore, MD

P3150	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Extracellular Vesicles From Endothelial Progenitor Cells Limit The Development Of Ventricular Dysfunction In A Mouse Model Of Myocardial Infarction	Ana Paula V Dantas, IDIBAPS, Barcelona, Spain; Joaquim Bobi, Erasmus MC, Rotterdam; IOLANDA LAZARO, Hosp Clínic de Barcelona, BARCELONA; Heleen M Van Beusekom, Erasmus MC, Rotterdam, Netherlands Antilles; Alarcon Francisco, Alarcon Francisco, José Tomas Ortiz, Inst Clinic Cardiovascular, Hosp Clínic Barcelona, Barcelona, Spain; Merce Roque, Hosp Clinic de Barcelona, Barcelona; Manel Sabate, Hosp Clinic de Barcelona, Barcelona; Salvatore Brugaletta, Hosp Clinic de Barcelona, Barcelona, Barcelona, Rotterdam
P3151	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	A Unique Profile Of Extracellular Vesicles In Marfan Patients With Thoracic Aortic Aneurysm	J. Nathaniel Diehl, Amelia Ray, Lauren B Collins, Univ of North Carolina at Chapel Hill, Chapel Hill, NC; Andrew Peterson, Kyle Alexander, Jacob Boutros, John S Ikonomidis, UNIVERSITY OF NORTH CAROLINA, Chapel Hill, NC; Adam W Akerman, Univ of North Carolina at Chapel Hill, Chapel Hill, NC
P3152	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Diabetic Upregulation Of Grk2 Impairs Adipocyte Exosome Surface Adiponectin-mediated Cardioprotection And Exacerbates Ischemic Heart Failure	Zhen Zhang, Thomas Jefferson Univ, Philadelphia, PA; Caihong Liu, THOMAS JEFFERSON UNIV, Philadelphia, PA; Di Zhu, THOMAS JEFFERSON UNIV, Philadelphia, PA, Philadelphia, PA; Zhijun Meng, John Zhang, Wayne Lau, THOMAS JEFFERSON UNIV, Philadelphia, PA; Bernard L Lopez, Theodore Christopher, Thomas Jefferson Univ, Philadelphia, PA; Erhe Gao, Lewis Katz Sch of Med at Temple Uni, Philadelphia, PA; Walter J Koch, TEMPLE UNIVERSITY SCHOOL MEDIC, Philadelphia, PA; Jianli Zhao, Univ of Alabama Birmingham, Birmingham, AL; Xinliang (Xin) Ma, THOMAS JEFFERSON UNIV, Philadelphia, PA; Yajing Wang, UAB at Birmingham, Birmingham, AL

P3153	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Human Bone Mesenchymal Stem Cell Lentiviral Transduction For The Production Of Extracellular Vesicles Targeted To The Heart Limits Cell Line Expansion	Cynthia M Xu, Rhode Island Hosp, Brown Univ, Pawtucket, RI; Mark Broadwin, Allentown, PA; Rayane Brinck Teixeira, Brown Univ, Providence, RI; Frank W Sellke, Brown Medical Sch, Providence, RI; Ruhul Abid, BROWN UNIV WARREN ALPERT MED, Providence, RI
P3154	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Characterized Expression Of MicroRNAs In Plasma Exosome In Patients With Coronary Chronic Total Occlusion	Jon Suh, Dept of Cardiology, SoonChunHyang Univ Bucheon Hosp, Bucheon, Korea, Republic of; Ji-Hye Son, Dept of Interdisciplinary Program in Biomedical Science Major, Graduate Sch, Soonchunhyang Univ, Asan, Korea, Republic of; Inki Moon, Min Gyu Kong, Dongeon Kim, Jeong Kyu Park, Hyung Oh Choi, Dept of Cardiology, SoonChunHyang Univ Bucheon Hosp, Bucheon, Korea, Republic of; Hye-Sun Seo, Soonchunhyang Univ Bucheon Hosp, Bucheon, Korea, Republic of; Yoon Haeng Cho, SoonChunHyang Univ Bucheon Hosp, Bucheon, Korea, Republic of; Hun Soo Chang, Dept of Anatomy and BK21 FOUR Project, Coll of Med, Soonchunhyang Univ, Cheonan, Korea, Republic of
P3155	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiac Extracellular Vesicles Mediate The Neoplastic Properties Of Heart Failure	Tal Caller, Tel Aviv Univ, Tel Aviv, Israel; Itai Rotem, Ramat Gan, Israel; Olga Shaihov–Teper, Tel Aviv Univ, Tel Aviv, Israel; Daria Lendengolts, Sheba Medical Ctr, Ramat Gan, Israel; Yeshai Schary, Tel Aviv Univ, Tel-hashomer, Israel; Ruty Shai, Sheba Medical Ctr, Tel Hashomer, Israel; Efrat Glick-Saar, Dan Dominissini, Sheba Medical Ctr, Ramat Gan, Israel; Alex Boomgarden, Crislyn D’Souza-Schorey, Univ of Notre Dame, South Bend, IN; Nili Naftali Shani, SHEBA MEDICAL CENTER, Tel Hashomer, Israel; Jonathan Leor, NEUFELD CARDIAC RESEARCH INSTITUTE, Tel-hashomer, Israel

P3156	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Activated Fibroblast-Derived Exosomal Mir-216a-5p Promotes Endothelial Dysfunction By Targeting PGM5 In Diabetic Heart	Prabhat Ranjan, Univ of Alabama at Birmingham, Birmingham, AL; Roshan Dutta, Karen Colin, UAB, Birmingham, AL; Yajing Wang, UAB at Birmingham, Birmingham, AL; Suresh K Verma, UNIVERSITY OF ALABAMA AT BIRMINGHAM, Birmingham, AL
P3157	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	MicroRNA-16 Exerts Anti-fibrotic Effects Via Suppression Of Tgfbr3 In Rats With Heart Failure And Preserved Ejection Fraction	Jae Hyung Cho, Alex Rajewski, Catherine Bresee, Lizbeth Sanchez, Myung Yoon Kim, Thassio Mesquita, Xaviar Jones, Isabelle Pellot, Weixin Liu, Asma Nawaz, Ahmed G Ibrahim, Russell Rogers, Eugenio Cingolani, Eduardo Marban, Cedars-Sinai Medical Ctr, Los Angeles, CA
P3158	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Extracellular Vesicles From Ischemic Myocardium Mediate Regulatory T Cell Dysfunction Through MicroRNA-1-mediated Suppression Of VEGF-A	Zahra Mohammadigoldar, Cedars Sinai Medical Ctr, Los Angeles, CA; Ke Liao, Cedars-Sinai Medical Ctr, Valencia, CA; Ahmed G Ibrahim, Cedars Sinai, West Hollywood, CA; Liang Li, Cedars Sinai, West Hollywood, CA, Los Angeles, CA; Weixin Liu, The Heart Inst, Los Angeles,, CA; Eduardo Marban, CEDARS-SINAI MEDICAL CTR, Los Angeles, CA
P3159	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Exosomes Derived From Podoplanin Positive Cells Induce Endo-Mt And Myofibroblast Transformation In Healthy Mouse Heart And After Ischemic Injury	Maria Cimini, Temple Univ,Lewis Katz Sch, Philadelphia, PA; Vandana Mallareddy, Conchi Estaras, Temple Univ, Philadelphia, PA; May Truongcao, Chunlin Wang, Temple Univ, Philadlephia, PA; Cindy Benedict, TEMPLE UNIVERSITY, Philadelphia, PA; Raj Kishore, TEMPLE UNIVERSITY SCHOOL OF MED, Philadelphia, PA
P3160	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Myocarditis Treatments Within Our Sights: Targeting Inflammatory Conversations In The Heart Using Extracellular Vesicles	Danielle Beetler, Mayo Clinic, Jacksonville, FL; Katelyn Bruno, Univ of Florida, Gainesville, FL; Joy Wolfram, Univ of Queensland, Brisbane, Australia; DeLisa Fairweather, Mayo Clinic, Jacksonville, FL

P3161	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Engineering Mesenchymal Stem Cell-derived Extracellular Vesicles To Enhance Their Therapeutic Efficacy In Cardiovascular Disease	Sarah Choudhury, Jennifer K Lang, Dept of Med, Div of Cardiology, Jacobs Sch of Med and Biomedical Sciences, Buffalo, NY
P3162	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Evaluating Cargo And Cardioprotective Effects Of Extracellular Vesicles From Human Right Atrial Appendage Mesenchymal Cells	Andreas Czosseck, Max M. Chen, Taipei Medical Univ (TMU), Taipei, Taiwan; Chuan-Chih Hsu, Taipei Medical Univ Hosp (TMUH), Taipei, Taiwan; Annette Meeson, Newcastle Univ, Newcastle upon Tyne, United Kingdom; Rachel Oldershaw, Univ of Liverpool, Liverpool, United Kingdom; David Lundy, Taipei Medical Univ (TMU), Taipei, Taiwan
P3163	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Exosomes From Pseudomonas Aeruginosa Infected Macrophages Drives Cardiomyocyte Contractile Dysfunction	Naresh Kumar, Omar Santiagonunez Ahumada, Maneeth Prem Ellendula, Clara Planner, THE OHIO STATE UNIVERSITY, Columbus, OH; Mahmood Khan, OHIO STATE UNIVERSITY, Columbus, OH; Harpreet Singh, The Ohio State Univ, Columbus, OH; Sahil Mahajan, THE OHIO STATE UNIVERSITY, Columbus, OH; William Lafuse, Daniel Wozniak, The Ohio State Univ, Columbus, OH; Latha Ganesan, Columbus, OH; Murugesan V Rajaram, THE OHIO STATE UNIVERSITY, Columbus, OH
P3164	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Podocalyxin, A Renal Podocyte Specific Protein Expression In Urine Exosome Acts As A Marker For Podocyte Injury During Sars-cov-2 Infection	Seshagiri Rao Rao Nandula, Washington, DC; Sabyasachi Sen, Veterans Affairs Medical Ctr, Washington, DC
P3165	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Spectrin-based Regulation Of Exosome Secretion In Cardiac Fibroblasts	Rebecca J Shaheen, Evelyn Thomas, The Ohio State Univ, Columbus, OH; Drew Nassal, Ohio State Univ, Columbus, OH; Nehal J Patel, Ohio State Univ, Columbus, OH, Sagamore Hls, OH; Xianyao xu, Ohio State Univ, Columbus, OH, Sagamore Hls, OH, Columbus, OH; Thomas J Hund, THE OHIO STATE UNIVERSITY, Columbus, OH

P3166	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	<p>Circulating Extracellular Vesicles In Human Cardiorenal Syndrome Promote Renal Injury In Kidney On A Chip System</p>	<p>Emeli Chatterjee, Massachusetts General Hosp, Boston, MA; Rodosthenis Rodosthenous, MASSACHUSETTS GENERAL HOSPITAL, Boston, MA; Ville Kujala, Massachusetts General Hosp, Boston, MA; Katia karalis, Regeneron Pharmaceuticals, Inc, Boston, MA; Lehmann Helge, Massachusetts General Hosp, Boston, MA; Michail Spanos, Mass General Hosp, Boston, MA; Getulio Oliveira, 5Dept of Anesthesia, Beth Israel Deaconess Medical Ctr, Boston, MA, USA, Boston, MA; Tyne Miller, Mingjian Shi, Vanderbilt Univ Medical Ctr, Nashville, TN; Priyanka Gokulnath, Guoping Li, Massachusetts General Hosp, Boston, MA; Ionita Ghiran, Dept of Anesthesia, Beth Israel Deaconess Medical Ctr, Boston, MA; Joann Lindenfeld, Jonathan Mosley, Vanderbilt Univ Medical Ctr, Nashville, TN; Emily Lau, Massachusetts General Hosp, Boston, MA; Jennifer E Ho, Israel Deaconess Medical Ctr, Boston, MA; Quanhu Sheng, Israel Deaconess Medical Ctr, Boston, MA, Nashville, TN; Ravi V Shah, Israel Deaconess Medical Ctr, Boston, MA, Nashville, TN, Nashville, TN; Saumya Das, Mass General Hosp, Boston, MA</p>
-------	---------------------	---------------------	---	---

P3167	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Identification Of Macrophage-specific Markers On Extracellular Vesicles In A Transgenic Mouse Model And Humans	Natacha Carnel-Amar, Massachusetts General Hosp, Boston, MA; Andras Saftics, Beckman Res Inst, City of hope, CA; Sarah Abu-Elreich, Beckman Res Inst of the City of Hope, Duarte, CA; Michail Spanos, Mass General Hosp, Boston, MA; Emeli Chatterjee, Worawan Limpitikul, Massachusetts General Hosp, Boston, MA; Ionita Ghiran, Beth Israel Deaconess Medical Ctr, Boston, MA; Stephen Gould, The Johns Hopkins Univ Sch of Med, Baltimore, MD; Robert Raffai Jr., Univ of California San Francisco, San Francisco, CA; kendall Van Keuren-Jensen, Univ of California San Francisco, San Francisco, CA, Phoenix, AZ; Tijana Jovanovic-Taliman, BRI, City of Hope, Duarte, CA; Saumya Das, Mass General Hosp, Boston, MA
P3168	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Identification Of Exosome MicroRNA In Association With Severe Calcification In Coronary Chronic Total Occlusion	Ji-Hye Son, Dept of Interdisciplinary Program in Biomedical Science Major, Graduate Sch, Soonchunhyang Univ, Asan, Korea, Republic of; Hun Soo Chang, Dept of Anatomy and BK21 FOUR Project, Coll of Med, Soonchunhyang Univ, Cheonan, Korea, Republic of; Inki Moon, Min Gyu Kong, Su Yeong Park, Dongeon Kim, Hyung Oh Choi, Hyun-Woo Park, Yoon Haeng Cho, Dept of Cardiology, SoonChunHyang Univ Bucheon Hosp, Bucheon, Korea, Republic of; Heon Lee, Dept of Radiology, SoonChunHyang Univ Bucheon Hosp, Bucheon, Korea, Republic of; Jon Suh, SoonChunHyang Univ. Bucheon Hosp., Bucheon, Korea, Republic of
P3170	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Immunomodulatory Effects Of Exosomes From Epigenetic Drugs-Stimulated Macrophages	Selene Perales, Vinoth Sigamani, Sheeja Rajasingh, Rajasingh Johnson, UTHSC, Memphis, TN
P3171	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Tubular Mitochondria Dysfunction Aki Induces Cardiac Malfunction In Cardiorenal Syndrome Type 3	Hugo Y Lin, Kaohsiung Medical Univ Hosp, Kaohsiung, Taiwan

P3172	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Elamipretide Reduces Mitochondrial Hyperacetylation In Left Ventricular Myocardium Of Dogs With Chronic Heart Failure	Ramesh C Gupta, HENRY FORD HOSPITAL, Detroit, MI; Vinita S Gupta, HENRY FORD HEALTH SYSTEM, Detroit, MI; Kristina Castle, HENRY FORD HOSPITAL, Detroit, MI; Hani N Sabbah, HENRY FORD HEALTH, Detroit, MI
P3173	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Exposure Of Mitochondria Isolated From Left Ventricular Myocardium Of Dogs With Moderate Heart Failure To 4-hydroxy-2-nonenal (4-hne) Worsens Existing Mitochondrial Dysfunction	VINITA SINGH-GUPTA, Henry Ford Hosp, DETROIT, MI; Ramesh C Gupta, Kristina Castle, Kefei Zhang, Jiang Xu, Hani N Sabbah, Henry Ford Hosp, Detroit, MI
P3174	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Loss Of Hmgcs2-mediated Ketogenesis Accelerates Cardiac Aging	Yi-Chan Lee, IBMS, Academia Sinica, Taipei, Taiwan; Yuan-Yuan Cheng, ACADEMIA SINICA, Taipei; Hsin-Yuan Chien, Shu-Chian Ruan, Po-Ju Lin, IBMS, Academia Sinica, Taipei, Taiwan; Patrick C Hsieh, ACADEMIA SINICA, Taipei City
P3175	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mitochondrial Fission And Extracellular Mitochondria Mediate Cardiac Dysfunction In Obesity Induced Cardiomyopathy	Sin-Jin Li, Stanford Univ, Palo Alto, CA; Ching-Yi Chen, Taipei; Nicolai Ostberg, Taipei, New York, NY; Laura Tetri, Taipei, New York, NY, Menlo Park, CA; Ivan Lopez, Stanford Univ, Palo Alto, CA; Timothy Cornell, Stanford Univ, Palo Alto, CA, San Carlos, CA; Daria Mochly Rosen, STANFORD UNIVERSITY SCHOOL MEDICINE, Stanford, CA; Bereketeab Haileselassie, Stanford Univ, Palo Alto, CA
P3176	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	One Carbon Metabolism Defect In Failing Heart	Jae Woo Woo Jung, Univ of Pennsylvania, Philadelphia, PA; Emily Flam, Kenneth Bedi, UNIVERSITY OF PENNSYLVANIA, Philadelphia, PA; Cholsoon Jang, Irvine, CA; Joshua Denison Rabinowitz, Princeton Univ, Princeton, NJ; Kenneth B Margulies, UNIV PENNSYLVANIA SCH OF MEDICINE, Philadelphia, PA; Zoltan Arany, Zolt Arany, Merion Station, PA

P3177	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Complex I-induced Protein Turnover, A Novel Mitochondrial Protein Quality Regulation Clipt Goes Beyond The Mitochondrial Calcium Uniporter	Sandra Lee, Univ of Utah, Murray, UT; David Eberhardt, Enrique Balderas, Univ of Utah, Salt Lake City, UT; Anthony Balynas, Xue Yin, Univ of Utah, Salt Lake City, UT; Dipayan Chaudhuri
P3178	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Gja1-20k Is Downstream Of Drp1 And Can Rescue Drp1 Suppression In Mouse Heart	Jennifer Hunter, Vu D Nguyen, Univ of Utah, Salt Lake City, UT; Tingting Hong, The Univ of Utah, Salt Lake Cty, UT; Robin M Shaw, Daisuke Shimura, Univ of Utah, Salt Lake City, UT
P3179	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Tristetraprolin Regulates Metabolic And Epigenetic Remodeling In Cardiomyocytes Post Myocardial Infarction	Amir Mahmoodzadeh, Ashley Elizabeth Akrami, Northwestern Univ, Chicago, IL; Mohammad Keykhaei, Johs Hopkins, Chicago, IL; Navid Koleini, Johns Hopkins Univ, Baltimore, MD; Hossein Ardehali, NORTHWESTERN UNIV, Chicago, IL
P3180	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiomyocyte Pgc-1 α Mediates The Adaptive Response To Endurance Exercise Training In Mice	Sumeet A Khetarpal, Massachusetts General Hosp, Boston, MA; Haobo LI, Melrose, MA; Claire Castro, MGH- Cardiovascular Res Ctr, Boston, MA; Nicholas H Houstis, Massachusetts General Hosp, Jamaica Plain, MA; James Rhee, MASSACHUSETTS GENERAL HOSPITAL, Boston, MA; Hans-Georg Sprenger, Melanie Mittenbuhler, Dana Farber Cancer Inst, Boston, MA; Alexandra Kuznetsov, Rebecca Freeman, Massachusetts General Hosp, Boston, MA; Phillip Dumesic, Dana Farber Cancer Inst, Boston, MA; Jason D Roh, MASSACHUSETTS GENERAL HOSPITAL, Boston, MA; Anthony Rosenzweig, Massachusetts General Hosp, Boston; Bruce Spiegelman, Dana Farber Cancer Inst, Boston, MA
P3181	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	A Cyclophilin D-mitochondria-redox Differentiation Pathway Regulates Neonatal Heart Bioenergetics And Function	Hope Kile, Univ of Rochester Medical Ctr, Golisano Children's Hosp, Rochester, NY; Joshua Agyarko, Gisela Beutner, Univ of Rochester, Rochester, NY; George A Porter Jr., Univ of Rochester Medical Ctr, Golisano Children's Hosp, Rochester, NY

P3182	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Promoting Mitophagy By Enhanced Fatty Acid Oxidation Improves Phenotypes Of Heart Failure With Preserved Ejection Fraction	Akira Yoshii, Timothy McMillen, Rong Tian, Univ of Washington, Seattle, WA
P3183	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiac Troponin I Directly Binds Mitochondrial Proteins And Inhibits Mitochondrial Functions	Aly Elezaby, Amanda J Lin, Vijith Vijayan, Suman Pokhrel, Stanford Univ, Stanford, CA; Luiz Bechara, Univ of Sao Paulo, Sao Paulo, Brazil; Nicolai Ostberg, Bruno B Queliconi, Stanford Univ, Stanford, CA; Juliane Campos, Julio Ferreira, Univ of Sao Paulo, Sao Paulo, Brazil; Bereketeab Haileselassie, Daria Mochly-Rosen, Stanford Univ, Stanford, CA
P3184	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Catalase Knockdown Reverses The Activation Of Akt And The Increase In Mitochondrial Complex I Induced By MnSOD Overexpression In Mouse Heart Endothelial Cells	Rayane Brinck Teixeira, Cynthia M Xu, Christopher Chang, Frank W Sellke, Ruhul Abid, Brown Univ Warren Alpert Medical Sch, Providence, RI
P3185	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	ATP Citrate Lyase Regulates Cardiomyocyte Function By Controlling Mitochondrial Reductive Stress	Mariam Meddeb, The Johns Hopkins Univ, Baltimore, MD; Navid Koleini, Johns Hopkins Univ, Baltimore, MD; Seungho Jun, Johns Hopkins Univ, Baltimore, MD, Perry Hall, MD; Mohammad Keykhaei Sr., Farnaz Farshidfar, Johns Hopkins Univ, Baltimore, MD; Liang Zhao, The Johns Hopkins Univ, Baltimore, MD; Abigail Mulligan, The Johns Hopkins Univ, Baltimore, MD, Baltimore, MD; Seoyoung Kwon, Brian Lin, The Johns Hopkins Univ, Baltimore, MD; Gizem Keceli, Johns Hopkins Sch of Med, Baltimore, MD; Kavita Sharma, Johns Hopkins Univ SOM, Baltimore, MD; Mark J Ranek, JOHNS HOPKINS MEDICAL INSTITUTIONS, Baltimore, MD; Nazareno Paolucci, Johns Hopkins Medical Insts, Baltimore, MD; Erika L Pearce, The Johns Hopkins Univ, Baltimore, MD; David A Kass, JOHNS HOPKINS MEDICAL INST, Baltimore, MD

P3186	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mcub Is An Inducible Regulator Of Calcium-dependent Mitochondrial Metabolism	Jiuzhou Huo, CCHMC, Cincinnati, OH; Vikram Prasad, West Chester, OH; Kelly Grimes, CCHMC, Cincinnati, OH; Davy Vanhoutte, CINCINNATI CHILDRENS HOSPITAL, Cincinnati, OH; Scott Blair, CCHMC, Cincinnati, OH; Michael Bround, Michael Bround, Cincinnati, OH; Donald M Bers, UNIVERSITY CALIFORNIA DAVIS, Davis, CA; Jeff D Molquentin, CHILDRENS HOSPITAL MED CTR, Cincinnati, OH
P3187	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Deletion Of SARM1 NAD Hydrolase Ameliorates Diabetic Cardiomyopathy By Regulating Mitochondrial Metabolism And Mitophagy	Hina Lateef Nizami, Keaton Minor, Ignacy Gorecki, Christine Light, Oklahoma Medical Res Fndn, Oklahoma City, OK; Ying Ann Chiao, Oklahoma Med Res Fndn, Oklahoma City, OK; Haiwei Gu, Ctr for Translational Science, Florida Intl Univ, Port St. Lucie, FL; Chi Fung Lee, Oklahoma Medical Res Fndn, Oklahoma City, OK
P3188	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Establishing The Mitochondrial Citrate Transporter As A Regulator Of Cardiac Morphogenesis	Chiemela Ohanele*, Emory Univ Sch of Med, Decatur, GA; Jessica Peoples*, Emory Univ Sch of Med, Atlanta, GA; Anja Karlstaedt, Cedars-Sinai Medical Ctr, Los Angeles, CA; Ashley Gayle, Emory Univ Sch of Med, Atlanta, GA; Nasab Ghazal, Emory Univ, Atlanta, GA; Fateemaa Sohani, Emory Univ Sch of Med, Atlanta, GA; Milton E Brown, Children's Hosp of Atlanta, Atlanta, GA; Michael Davis, Emory Univ, Atlanta, GA; Victor Faundez, Emory Univ Sch of Med, Atlanta, GA; Jennifer Q Kwong, Emory Univ, Atlanta, GA
P3189	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Vcam-1-mediated Mitochondrial Biogenesis In Macrophages Exacerbates Inflammation And Atherosclerosis	Niranjana Natarajan, Univ of Pittsburgh, Pittsburgh, PA; Jonathan Florentin, Pittsburgh, PA; Ebin Johny, Lee Ohayon, Univ of Pittsburgh, Pittsburgh, PA; Partha Dutta, UNIVERSITY OF PITTSBURGH MEDICAL C, Pittsburgh, PA
P3190	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Renal Tubular Mitochondrial Akt1 Modulates Cardiorenal Metabolic Syndrome	Kai-Ting Chang, Kaohsiung Municipal Ta-Tung Hospita, Kaohsiung, Taiwan; Hugo Y Lin, Kaohsiung Medical Univ Hosp, Kaohsiung, Taiwan

P3191	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Hur Mediates Calcium-driven Thermogenesis In Brown Adipose Tissue	Adrienne Guarnieri, Univ of Cincinnati, Cincinnati, OH
P3192	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Prdm16 Regulates Cardiac Metabolic Genes Through Perm1	Omid Rouzbehani, Michael Goodman, Univ of Utah, salt lake city, UT; Bo Sun, Duke Univ Sch of Med, Durham, NC; Rajeshwary Ghosh, Univ of Utah, Salt Lake City, UT; Amira Sabri, Univ of Utah, salt lake city, UT; Junco Shibayama Warren, Virginia Tech Carilion, Roanoke, VA; Andrew P Landstrom, Duke Univ Sch of Med, Durham, NC; Sihem Boudina, Duke Univ Sch of Med, Durham, NC, Salt Lake City, UT
P3193	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Cardiac Glutamine Metabolism As NAD+ Generating Pathway During Chronic Hypoxia	Ivan Menendez-Montes, UT Southwestern Medical Ctr, Dallas, TX; Ashley Solmonson, Ana Helena MAcedo-Pereira, Alisson C Cardoso, CNPEM, Dallas, TX; Yuji Nakada, Univ of Alabama at Birmingham, Birmingham, AL; Suwannee Thet, UT Southwestern Medical Ctr, Dallas, TX; Ralph DeBerardinis, UT Southwestern; Hesham A Sadek, UTSOUTHWESTERN MEDICAL CENTER, Dallas, TX
P3194	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Redd1 Is Required For Glucose Metabolism And Insulin Sensitivity In Cardiomyocytes	Mason Wheeler, Virginia Tech, Roanoke, VA; Shaunaci Stevens, Penn State Coll of Med, Hershey, PA; Jamie Renick, Virginia Tech, Roanoke, VA; Michael Dennis, Penn State Coll of Med, Hershey, PA; Jessica M Pflieger, Virginia Tech Carilion, Roanoke, VA
P3195	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mitochondrial CaMKII Drives Cardiometabolic Dysfunction In Heart Failure	Kimberly Ferrero, The Johns Hopkins Univ Sch of Med, Baltimore, MD; Robert Cole, D B Foster, JOHNS HOPKINS SCHOOL MEDICINE, Baltimore, MD; Jonathan Granger, The Johns Hopkins Univ Sch of Med, Baltimore, MD; Brian O'Rourke, JOHNS HOPKINS UNIVERSITY SOM, Baltimore, MD; David A Kass, JOHNS HOPKINS MEDICAL INST, Baltimore, MD; Elizabeth Luczak, Johns Hopkins Univ, Baltimore, MD

P3196	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Voluntary Exercise Training Does Not Prevent High Phosphate Diet-induced Mitochondrial Dysfunction	Hannah F Sanders, The Ohio State Univ, Columbus, OH; Daniel A Branch, The Ohio State Univ, Akron, OH; Luke J Pepperney, Jooho Oh, Camille E Zonfa, Rose Liu, Rafia A Baig, Molly K Sheridan, The Ohio State Univ, Columbus, OH; Kedryn K Baskin, The Ohio State Univ COM, Columbus, OH
P3197	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sarm1 Deficiency Protects Mice Against Diabetic Cardiomyopathy: Potential Mechanisms Via Ameliorating Lipotoxicity	Keaton Minor, OMRF, Edmond, OK
P3198	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Spermidine Ameliorates Aortic Valve Degenerations By Improving Mitochondrial Biogenesis	Sahmin Lee, Asan Medical Ctr, Seoul, Korea, Republic of; Naaleum Song, Eunhye Ji, Univ of Ulsan Coll of Med/Asan medical center, Seoul; Jeong Eun Yu, Kyoung-Hee Choi, Univ of Ulsan Coll of Med, Seoul, Korea, Republic of; Kyung-Gon Kim, Asan Medical Ctr, Seoul, Korea, Republic of
P3199	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Role Of Acetylation In Regulating Mitochondrial Dysfunction In The Aged Heart	Jackson E Stewart, Jenna M Crawford, Angelica A.O Jacques, West Virginia Univ, Morgantown, WV; Michael W Stoner, Iain Scott, Univ of Pittsburgh, Pittsburgh, PA; Dharendra Thapa, West Virginia Univ, Morgantown, WV
P3200	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	SH3BGR Affects Energy Metabolism In Neonatal Rat Cardiomyocytes	Anushka Deshpande, Hermine Lehmann, Uniklinikum Heidelberg, Heidelberg, Germany; Norbert Frey, Heidelberg; Ashraf Rangrez, Heidelberg Univ, Heidelberg
P3201	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Fatty Acid Oxidation Decreases Independently Of Up-regulated Glucose Utilization In The Setting Of Elevated Afterload	Hande C Pirstine, Herman I May, Nan Jiang, Francisco Olivares-Silva, Abdallah Elnwasany, Pamela Szweda, Luke I Szweda, UT Southwestern Medical Ctr, Dallas, TX; Caroline Kinter, Michael T Kinter, Oklahoma Medical Res Fndn, Oklahoma City, OK; Gaurav Sharma, Xiaodong Wen, Craig Malloy, Michael E Jessen, Thomas G Gillette, Joseph A Hill, UT Southwestern Medical Ctr, Dallas, TX

P3202	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	The Branched Chain α -Ketoacid Dehydrogenase Kinase (BCKDK) Inhibitor BT2 Is A Mitochondrial Uncoupler	Aracely Acevedo, Anthony Jones, Ajit Divakaruni, UCLA, Los Angeles, CA
P3203	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Characterization Of Nrac, A Novel Cardiac And Adipose Enriched Microprotein	Taylor Coughlin, Univ of Cincinnati, Cincinnati, OH; Cat A Makarewicz, CINCINNATI CHILDRENS HOSPITAL, Cincinnati, OH
P3204	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Right Ventricle Dysfunction Correlates With Reduced Mitochondrial Respiratory Supercomplex Assembly In Human Hearts With Group II Pulmonary Hypertension.	Wenzhuo Ma, Univ of Rhode Island, Kingston, RI; Peng Zhang, OSRI at Providence VAMC, Providence, RI; Kenneth Campbell, Univ of Kentucky, Lexington, KY; Gaurav Choudhary, PROVIDENCE VAMC, BROWN UNIVERSITY, Providence, RI; Richard T Clements, URI Coll of Pharmacy, Kingston, RI
P3205	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Differential Adaptation To Mitochondrial Ca ²⁺ Overload In The Left And Right Ventricles	Jae Hwi Sung, Hector Chapoy Villanueva, Kurt W Prins, Julia C Liu, Univ of Minnesota, Minneapolis, MN
P3206	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Sex-specific Differences In Proteasome Activity And Mitochondrial Function In Mouse Hearts Lacking Natriuretic Peptide Receptor A	Shuchita Tiwari, Abhishek Mishra, Kishore Pasumarthi, Dalhousie Univ, Halifax, NS, Canada
P3207	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Mitoregulin Microprotein Influences Mitochondrial Membrane Integrity And Myocardial Ischemia-Reperfusion Injury	Colleen S Stein, Univ of Iowa, Iowa City, IA; Xiaoming Zhang, THE UNIVERSITY OF IOWA, Iowa City, IA; Nathan Witmer, Univ of Iowa, Iowa City, IA; Edward R Pennington, Saame R Shaikh, Univ of North Carolina, Chapel Hill, NC; Ryan L Boudreau, UNIVERSITY OF IOWA, Iowa City, IA
P3208	8/2/2023 4:30:00 PM	8/2/2023 7:00:00 PM	Trem2 Promotes Cardiac Repair In Myocardial Infarction Via Slc25a53 And Carbohydrate Metabolism After Improving Efferocytosis Of Macrophage	shiyu gong, ming zhai, jiajun shi, guanye yu, zhijun lei, Shanghai Tenth People's Hosp, Tongji Univ, shanghai, China; Wenhui Peng, TONGJI UNIVERSITY, Shanghai