

Curriculum vitae

Date Prepared: February 26, 2021

Name: Joseph A. Hill, MD, PhD

Office Address: Division of Cardiology
University of Texas Southwestern Medical Center
5323 Harry Hines Blvd.
Dallas, TX 75390-8573

Work Phone: 214-648-1400

Work E-Mail: joseph.hill@utsouthwestern.edu

Work Fax: 214-648-1450

Place of Birth: Burlington, North Carolina

Education

<u>Year</u>	<u>Degree (Honors)</u>	<u>Field of Study (Thesis advisor for PhDs)</u>	<u>Institution</u>
1987	MD	Medicine	Duke University Durham, North Carolina
1987	PhD	Pharmacology (Harold C. Strauss, MD)	Duke University Durham, North Carolina
1980	BS	Major: Chemistry Major: Mathematics	Wake Forest University Winston-Salem, North Carolina

Postdoctoral Training

<u>Year(s)</u>	<u>Titles</u>	<u>Specialty/Discipline (Lab PI for postdoc research)</u>	<u>Institution</u>
1995 - 97	Clinical Cardiology Fellowship	Cardiology	Brigham and Women's Hospital Harvard Medical School Boston, Massachusetts
1995-1996	Postdoctoral Fellow	Molecular Cardiology (Bernardo Nadal-Ginard, MD, PhD)	Harvard Medical School Boston, Massachusetts
1992- 95	Residency in Internal Medicine	Internal Medicine	Brigham and Women's Hospital Harvard Medical School Boston, Massachusetts
1988- 92	Postdoctoral Fellow	Molecular Neurobiology (Jean-Pierre Changeux, PhD)	Institut Pasteur, Paris, France

2018	Honorary Award Lecture on Clinical Science	Germany Cardiac Society
2018	Research Achievement Award	International Society for Heart Research
2017	Top 10 Distinguished International Cardiologists who contributed to the Development of Cardiovascular Medicine in China	
2017	Thomas W. Smith Memorial Lecturer	Brigham and Women's Hospital
2017	20th Gertrude and Florian Nelson Cardiovascular Research Lecturer	Cardiovascular-Renal Research Center, University of Mississippi
2016	Chosen as one of Best Doctors in Dallas 2016	<i>D Magazine</i>
2016	Senior Consulting Editor	<i>Circulation Research</i>
2016	Simon Dack Lecturer	Mt Sinai Medical Center, New York, NY
2016	Anandi L. Sharma Visiting Professor of Cardiovascular Medicine	Mt Sinai Medical Center, New York, NY
2016	Rolf Gunnar, MD Lecture	University of Illinois at Chicago
2016	Frank N. Wilson Visiting Professor	University of Michigan
2016	Fellow	Heart Failure Society of America
2016-present	Editor-in-Chief	<i>Circulation</i>
2015	Consulting Editor of the Year	<i>Circulation Research</i>
2015	Superior Editorial Consultant	<i>Circulation Research</i>
2015	Chosen as one of Best Doctors in Dallas 2015	<i>D Magazine</i>
2015	James T. Willerson Lecture	UT Houston
2015	Shapur Naimi Lecture	Tufts Medical Center, Boston
2015	Fellow	International Academy of Cardiovascular Sciences
2015	George E. Brown Memorial Lecturer	American Heart Association
2015	Dan May Memorial Lecture	Vanderbilt University Medical Center
2015	Editor-in-Chief Elect	<i>Circulation</i>
2015	Fellow	American College of Physicians
2014	#1 Reviewer of the Year	<i>Circulation Research</i>
2014	Consulting Editor	<i>Circulation Research</i>
2014	Outstanding Teacher Award	UT Southwestern MS1 Class
2013	Outstanding Teacher Award	UT Southwestern MS1 Class
2013	Fellow	Pulmonary Vascular Research Institute
2012	Election	AOA Medical Honor Society
2011	Outstanding Teacher Award	UT Southwestern, MS1 Class
2011	President	Association of University Cardiologists

2010	NIH College of CSR Reviewers	National Institutes of Health
2010	Fellow	International Society for Heart Research
2010	Vice-President	Association of University Cardiologists
2009	Inaugural Fellow	American Heart Association, Council on Functional Genomics and Translational Biology
2009	Elected	Association of American Physicians
2009	President	Association of Professors of Cardiology
2009	Councilor	Association of University Cardiologists
2008	President-Elect	Association of Professors of Cardiology
2006	Established Investigator	American Heart Association
2004 – 2006	Councilor	Association of Professors of Cardiology
2003	Elected	Association of University Cardiologists
2002	Frank M. Ryburn, Jr, Chair in Heart Research	UT Southwestern Medical Center
2002	James T. Willerson, M.D. Distinguished Chair in Cardiovascular Diseases	UT Southwestern Medical Center
2002	Selected as a Best Teacher and Role Model by Internal Medicine Residents	University of Iowa
2000	Fellow, American Heart Association, Council on High Blood Pressure Research	American Heart Association
1999	AstraZeneca Cardiovascular Young Investigator Award	University of Wisconsin School of Medicine
1998	Fellow	American College of Cardiology
1987	Trainee Award	American Federation of Clinical Research
1987	Phi Eta Sigma	National Freshman Honor Society
1979	Alcoa Aluminum Scholar in Chemistry	Wake Forest University
1978	Omicron Delta Kappa	Mortar Board Honor Societies
1978	Phi Beta Kappa	Wake Forest University
1977	Guy T. Carswell Scholar	Wake Forest University

Faculty Academic Appointments

<u>Year(s)</u>	<u>Academic Title</u>	<u>Department</u>	<u>Academic Institution</u>
2019-present	Faculty	Cell and Molecular Program	UT Southwestern Medical Center; Dallas, TX
2015-present	Member	Hamon Center for Regenerative Science and Medicine	UT Southwestern Medical Center; Dallas, TX
2009-2014	Member, Board of Directors	Physicians Group 501 (a)	SETON; Austin, TX / UT Southwestern Medical Center; Dallas, TX
2007-present	Professor	Departments of Internal Medicine and Molecular Biology	UT Southwestern Medical Center; Dallas, TX
2003-2009	Director of Education	Donald W. Reynolds Cardiovascular Clinical Research Center	UT Southwestern Medical Center; Dallas, TX
2003-2007	Associate Professor	Department of Molecular Biology	UT Southwestern Medical Center; Dallas, TX
2002-Present	Director	Harry S. Moss Heart Center	UT Southwestern Medical Center; Dallas, TX
2002-Present	Chief of Cardiology	Internal Medicine, Cardiology	UT Southwestern Medical Center; Dallas, TX
2002-2007	Associate Professor	Department of Internal Medicine	UT Southwestern Medical Center; Dallas, TX
2002	Associate Professor	Departments of Internal Medicine and Pharmacology, and the Interdisciplinary Graduate Program in Molecular Biology	University of Iowa, Iowa City, IA
1999-2002	Assistant Professor	Department of Pharmacology	University of Iowa, Iowa City, IA
1998-2002	Director, Cardiovascular Fellowship Program	Division of Cardiovascular Diseases, Department of Internal Medicine	University of Iowa; Iowa City, IA
1998-2002	Assistant Professor	Interdisciplinary Graduate Program in Molecular Biology	University of Iowa; Iowa City, IA
1998-2002	VA Staff Physician	Internal Medicine	Department of Veterans Affairs; Iowa City, IA

1997-2002	Assistant Professor	Division of Cardiovascular Diseases, Department of Internal Medicine	University of Iowa, Iowa City, IA
1996	Rotating Chief Medical Resident	Department of Internal Medicine	Brockton-West Roxbury VA Hospital; Boston, MA
1994-1997	Research Assistant in Cardiology	Department of Internal Medicine	Children's Hospital; Boston, MA
1994-1997	Instructor in Medicine	Department of Internal Medicine	Harvard Medical School; Boston, MA

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
2002-2015	Attending Physician	Department of Internal Medicine/Division of Cardiology	St. Paul University Hospital; Dallas, TX
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2002-Present	Attending Physician	Department of Internal Medicine/Division of Cardiology	UT Southwestern Medical Center; Dallas, TX
2002-Present	Attending Physician	Department of Internal Medicine/Division of Cardiology	Parkland Hospital; Dallas, TX
2002-Present	Attending Physician	Department of Internal Medicine/Division of Cardiology	Zale University Hospital; Dallas, TX

Other Professional Positions (Industry, foundation, private practice)

Year(s)	Position Title	Institution
2016-Present	External Advisory Board, T32 Training Grant	University of California San Diego
2016-Present	External Advisory Board, T32 Training Grant	University of California Los Angeles
2013-2015	AHA CME Peer Review Training Program Task Force	American Heart Association
2013-2015	COCATS Task Force 7, Training in CV Research and Scholarly Activity	American College of Cardiology
2011-2013	Working Group on ECG Diagnosis	<i>Journal of Electrocardiology</i>
2010-Present	External Advisory Board, T32 Training Grant	Johns Hopkins

2009	ESC Working Group: Cardiovascular side effects of cancer therapies	European Society of Cardiology
------	--	--------------------------------

Major Administrative/Leadership Positions

Year(s)	Position Title	Institution
2016-2017	President, Dallas County Affiliate Board	American Heart Association
2016-Present	Editor-in-Chief, <i>Circulation</i>	American Heart Association
2015	Incoming President, Dallas County Affiliate Board	American Heart Association
2014-2016	ACC Advocacy Ambassador	American College of Cardiology
2013-2018	Chair, HFSA Advocacy Committee	Heart Failure Society of America
2013-2018	CFAS Administrative Board	Association of American Medical Colleges
2012-2018	Chair, Research Fellowship Awards Committee	American College of Cardiology
2012-present	Board of Directors	Heart Failure Society of America
2011-present	Chair, HFSA Development Committee	Heart Failure Society of America
2010-2013	Inaugural Chair, Council on Academic Cardiology	American College of Cardiology
2009	APC President	Association of Professors of Cardiology
2009	Chair, Awards Committee	American College of Cardiology
2009-2011	Board of Directors	Dallas County Medical Society
2008	AHA Lobby Day, Washington, DC	American Heart Association
2003-2006	Legislative Affairs Committee	Dallas County Medical Society

Committee Service {do not include Professional Society positions}

Year(s)	Name of Committee	Institution/Organization
<u>UTSW</u>		
2019-Present	Internal Medicine Post-tenure Review Committee	UT Southwestern Medical Center; Dallas, TX
2014-2016	Chair, Search Committee, Chief of Infectious Diseases	UT Southwestern Medical Center; Dallas, TX
2013-Present	Internal Medicine Promotions and Tenure Committee	UT Southwestern Medical Center; Dallas, TX
2010	Search Committee, Chair of Cardiovascular and Thoracic Surgery	UT Southwestern Medical Center; Dallas, TX
2004 - 2017	Research Advisory Committee to the President	UT Southwestern Medical Center; Dallas, TX
<u>Hospital</u>		
None		

<u>State/Regional</u>		
2010-2012	Nominating Committee	Dallas County Medical Society
2009-2011	Board of Directors	Dallas County Medical Society Foundation
2009-2011	Board of Directors	Dallas County Medical Society
2005	Delegate to Texas Medical Association	Dallas County Medical Society
2003-2006	Legislative Affairs Committee	Dallas County Medical Society
<u>National/International</u>		
2007-Present	Student Research Fellowship Review Panel	Alpha Omega Alpha Honor Medical Society
2014-2016	ACC Advocacy Ambassador	American College of Cardiology
2014	Advocacy Work Group of the Strategic Planning Task Force	American College of Cardiology
2013-2014	Research and Career Development Awards Task Force	American College of Cardiology
2013-2016	ACC Section Steering Committee	American College of Cardiology
2012-2013	Writing Committee, COCATS Task Force 15: CV Research and Scholarly Activity	American College of Cardiology
2012-2014	Cardiovascular Leadership Institute (CLI) Steering Committee	American College of Cardiology
2012-2018	Chair, Research Fellowship Awards Committee	American College of Cardiology
2011	Planning Committee, Cardiovascular Care Summit	American College of Cardiology
2010- 2013	Inaugural Chair, Council on Academic Cardiology	American College of Cardiology
2010-2012	Cardiovascular Leadership Institute (CLI) Work Group	American College of Cardiology
2009-2012	Program Faculty, ACC Cardiovascular Leadership Institute	American College of Cardiology
2009	Chair, Awards Committee	American College of Cardiology
2008-2010	Awards Committee	American College of Cardiology
2016-2017	Liaison, Editor, <i>Circulation</i> , Leadership Committee of the Council on Clinical Cardiology	American Heart Association
2016	President, Dallas County Affiliate Board	American Heart Association
2015	Incoming President, Dallas County Affiliate Board	American Heart Association
2015	Editor-in-Chief, <i>Circulation</i>	American Heart Association

2015	BCVS Meeting Program Committee	American Heart Association
2014-2016	AHA National Research Committee	American Heart Association
2013-2015	Committee on Scientific Sessions Program	American Heart Association
2013-2015	Basic Cardiovascular Sciences Leadership Committee	American Heart Association
2013-2015	Committee for Scientific Sessions Program (CSSP) of the Basic Cardiovascular Sciences (BCVS) Council	American Heart Association
2012	AHA Continuing Medical Education Peer Review Training Program Task Force – Abstracts	American Heart Association
2011	Chair, Cardiac Bio BCT5 – CL Study Group	American Heart Association
2010-2011	Katz Award Committee	American Heart Association
2010-2012	Scientific Publishing Committee	American Heart Association
2008 – 2011	Program Committee, AHA Council on Basic Cardiovascular Sciences	American Heart Association
2008	Awards and Lectures Subcommittee of the Committee on Scientific Councils	American Heart Association
2008	Search Committee, <i>Circulation Research</i> Editor-in-Chief	American Heart Association
2007-2009	Research Committee, AHA Western States Consortium	American Heart Association
2007-2009	Leadership Committee, Council on Functional Genomics and Translational Biology	American Heart Association
2013-2018	Council of Faculty and Academic Societies (CFAS)	Association of American Medical Colleges
2013-2018	Administrative Board, CFAS	Association of American Medical Colleges
2009	President	Association of Professors of Cardiology
2008	President-Elect	Association of Professors of Cardiology
2004	Nominating Committee	Association of Professors of Cardiology
2012-2014	ASP Council	Association of Subspecialty Professors
2011	President	Association of University Cardiologists
2010	Vice- President	Association of University Cardiologists
2014-2021	Chair, Scientific Review Committee	Gilead Sciences Research Scholars Program in Cardiovascular Disease

2010-2021	Scientific Review Committee	Gilead Sciences Research Scholars Program in Cardiovascular Disease
2015-2018	Nominations Committee	Heart Failure Society of America
2013-2018	Chair, Advocacy Committee	Heart Failure Society of America
2010-Present	Clinical and Research Training Committee	Heart Rhythm Society
2014-2020	Council, North American Section	International Society for Heart Research
2019-Present	Leadership Advisory Board	International Society for Heart Research- North American Section
2021-2024	Chair, NAS@ISHR	International Leadership Advisory Board
2019-2021	President, Board of Directors	Sarnoff Foundation
2018-2019	Vice President, Board of Directors	Sarnoff Foundation
2017-Present	Audit Committee	Sarnoff Foundation
2011-Present	Chair, Development Committee	Sarnoff Foundation
2012-2015	Audit Committee	Sarnoff Foundation
2010-2016	Board of Directors	Sarnoff Foundation
2010	Program Committee, 31 st Annual Scientific Meeting	Sarnoff Foundation
2009	Sarnoff Transition Award Application Review Task Force	Sarnoff Foundation
2008-2013	Scientific Advisory Board	Sarnoff Foundation
2008	Sarnoff Foundation Program Evaluation Task Force	Sarnoff Foundation

Professional Societies (List all society committees, leadership and course leadership roles here)

Dates	Society Name, member
2012-Present	Southern Society for Clinical Investigation, Member
2007-Present	Heart Rhythm Society, Member
2005-Present	International Society for Heart Research, Member
2003-Present	Heart Failure Society of America, Member
2002-Present	Association of Professors of Cardiology, Member
2000-Present	Central Society for Clinical Research, Member
2000-Present	American Society of Hypertension, Member
2000-Present	Cardiac Muscle Society, Member
1999-Present	Biophysical Society, Member
1999-Present	American Federation for Medical Research, Member
1999-Present	American Physiological Society, Member

1995-Present	Basic Science Council of the American Heart Association, Member
1995-Present	American College of Physicians, Associate
1990-Present	American Association for the Advancement of Science, Member
1983-Present	American Medical Association, Member
	Committees
	Fellowships
2000-Present	Council on High Blood Pressure Research, Fellow
1999-Present	American College of Cardiology, Fellow

Grant Review Activities

Year(s)	Name of Review Committee	Organization
2021	Programmatic Review Panel, Department of Defense Peer Reviewed Medical Research Program (PRMRP)	Department of Defense
2021	Keystone Symposia 2022-2023 Study Group	Keystone Symposia
2021	2021/05 ZRG1 BST-J (70) R	NIH
2020	International Review Panel, Strategic Research Plan of the Australian Government's Medical Research Future Fund (MRFF)	Australian MRFF
2020	NIH SEP/SRG 2021/01 ZHL1 CSR-O (F2) 1	NIH
2020	NIH SEP/SRG 2020/10 ZHL1 CSR-I (02) 1	NIH
2020	NIH SEP/SRG 2020/05 ZRG1 BCMB-A (50) R	NIH
2019	Full Professor Concorso	Scuola Superiore Sant'Anna, Pisa, Italy
2019	NIH 2020/01 HLBP1 Program Project Grant review committee	NIH
2018	Advanced Grant 2018 Program	European Research Council
2018	NIH TRA Review Panel, ZRG1 BCMB-A 50	NIH
2018	NIH Special Emphasis Panel (ZRG1 SBIB-D (82) R	NIH
2018	International Scientific Advisory Panel for Research Excellence Awards	British Heart Foundation

2017	NIH Study Section, Cardiac Contractility and Heart Failure (CCHF)	NIH
2016-Present	NHLBI Protocol Review Committee (PRC) for the Heart Failure Network	NIH
2016	NIH Special Emphasis Panel: AREA/R15	NIH
2016	ADA Research Grant Review Committee	ADA
2016	NIH Special Emphasis Panel (ZRG1 CBJ55R)	NIH
2016	NIH Special Emphasis Panel to review CTSA's	NIH
2016	Bundesministerium für Bildung und Forschung (BMBF) program "Research Consortia for Systems Medicine", Berlin, Germany	BMBF
2016	NIH Special Emphasis Panel (XRG1 CBJ55R)	NIH
2015	Bundesministerium für Bildung und Forschung (BMBF) program "Innovations for Individualized Medicine", Berlin, Germany	BMBF
2015	NIH study section PAR-14-280: Pilot Centers for Precision Disease Modeling (U54) [ZRG1 IMST-R (50) R]	NIH
2015	NIH Special Emphasis Panel (ZRG1 CVRS-B 02)	NIH
2015	NIH Special Emphasis Panel HLBP (10)	NIH
2015	Review panel, Fonds Wetenschappelijk Onderzoek – Vlaanderen (Research Foundation - Flanders)	Flanders
2015	Review panel, French National Research Agency	French National Research
2013-2014	AHA IRG Basic Science and Bioengineering Peer Review Study Group	AHA
2012	AHA review panel for Innovative Research Grants	AHA
2012	Review Panel, Research Consortia for Systems Medicine, Deutschen Zentrum für Luft- und Raumfahrt e.V. Gesundheitsforschung, Berlin, Germany	Germany
2011-2014	Chartered Member, NIH Study Section, Cardiac Contractility and Heart Failure (CCHF)	NIH
2011-2013	Chair, American Heart Association Cardiac Bio BCT5 – CL Study Group	AHA

2010	NIH Special Emphasis Panel/Scientific Review Group, Cardiovascular and Respiratory Sciences, ZRG1 CVRS E-02 M	NIH
2009	NIH Special Emphasis Panel/Scientific Review Group 2009/10 ZRG1 CVRS-B (58) R	NIH
2009	NIH Special Emphasis Panel/Scientific Review Group ZRG1 SBIB-L (29)	NIH
2009-present	Chairman, International Review Panel for the Agence Nationale de la Recherche (ANR) – Bundesministerium für Bildung und Forschung (BMBF) program “Genomics and Physiopathology of Cardiovascular and Metabolic Diseases”	ANR
2009	NIH Special Emphasis Panel/Scientific Review Group, Physiology and Pathobiology of Cardiovascular and Respiratory Systems (F10A)	NIH
2008-2011	Temporary Member, NIH Study Section, Cardiac Contractility and Heart Failure (CCHF)	CCHF
2008	NIH Special Emphasis Review Panel on Cardiac Hypertrophy and Failure	NIH
2008	NIH Special Emphasis Review Panel, Electrical Signaling, Ion Transport and Arrhythmias (ESTA) Study Section	NIH
2008	NIH Special Review Committee, PPG application "Load-Induced Cardiac Hypertrophy in the Adult Mammal"	NIH
2008	NIH Special Emphasis Review Panel ZRG1 CVS D-02	NIH
2008-2011	Secretarial appointee on the VA Joint Biomedical Laboratory Research and Development and Clinical Science Research Merit Review Board	VA

Editorial Activities

<u>Editor/Associate Editor</u>	
N/A	
<u>Editorial Boards</u>	
2016 – Present	<i>Circulation Research</i> , Senior Consulting Editor

2016	<i>American Journal of Physiology – Heart and Circulatory Physiology</i> , co-Guest Editor, Epigenetics of Cardiovascular Disease
2016	<i>Circulation Research</i> , Guest Editor, Obesity, Diabetes, and Cardiovascular Diseases
2015	<i>Circulation</i> , Editor-in-Chief Elect
2014-2016	<i>Circulation Research</i> , Consulting Editor
2011-Present	<i>American Journal of Cardiology</i>
2010-Present	<i>Autophagy</i>
2009-Present	<i>Circulation Research</i>
2008-Present	<i>Circulation: Cardiovascular Genetics</i>
2008	<i>Circulation Research</i> , Guest Editor, thematic series on autophagy
2008- 10/2013	<i>Journal of Biological Chemistry</i>
2004-Present	<i>Current Cardiology Reviews</i>
2004-Present	<i>Journal of Cardiovascular Electrophysiology</i>
2003-Present	<i>Circulation</i>
2000-Present	<i>American Journal of Cardiovascular Drugs</i>
1998-Present	<i>American Journal of Physiology, Heart and Circulatory Physiology</i>
<u>Ad Hoc Reviewer</u>	

Manuscript Reviewer

<i>ACS Chemical Biology</i>
<i>American Journal of Cardiology (editorial board member)</i>
<i>American Journal of Cardiovascular Drugs</i>
<i>American Journal of Physiology – Heart and Circulatory Physiology (editorial board member)</i>
<i>Atherosclerosis Thrombosis and Vascular Biology</i>
<i>Autophagy (editorial board member)</i>
<i>Biochimica Biophysica Acta</i>
<i>BBA - Molecular Cell Research</i>
<i>Canadian J Physiol Pharmacol</i>
<i>Cell</i>
<i>Cell Death and Differentiation</i>
<i>Cell Metabolism</i>
<i>Circulation (editorial board member, Editor-in-Chief Elect)</i>
<i>Circulation – Heart Failure</i>
<i>Circulation Research (editorial board member)</i>
<i>Developmental Cell</i>
<i>Diabetes</i>
<i>eLife</i>

<i>European Journal of Heart Failure</i>
<i>European Journal of Pharmacology</i>
<i>Journal of the American College of Cardiology (JACC)</i>
<i>Journal of the American Heart Association (JAHA)</i>
<i>Journal of the American Medical Association (JAMA)</i>
<i>Journal of Biological Chemistry (editorial board member)</i>
<i>Journal of Cardiac Failure</i>
<i>Journal of Cardiovascular Electrophysiology (editorial board member)</i>
<i>Journal of Cell Biology</i>
<i>Journal of Cellular Physiology</i>
<i>Journal of Clinical Investigation</i>
<i>Journal of Interventional Cardiac Electrophysiology</i>
<i>Journal of Molecular Medicine</i>
<i>Nature Communications</i>
<i>Nature Reviews Cardiology</i>
<i>Nature Reviews Drug Discovery</i>
<i>New England Journal of Medicine</i>
<i>Proceedings of the National Academy of Sciences of the USA (PNAS)</i>
<i>PLoS One</i>
<i>Science</i>
<i>Science – Translational Medicine</i>
<i>Scientific Reports</i>
<i>Stem Cells and Development</i>
<i>Trends in Endocrinology and Metabolism</i>

Abstract Reviewer

<i>American Heart Association Scientific Sessions</i>
<i>American College of Cardiology Scientific Sessions</i>

Journal Editorship

2016-Present	Editor-in-Chief, <i>Circulation</i>
2016-Present	Senior Consulting Editor, <i>Circulation Research</i>
2015	Editor-in-Chief Elect, <i>Circulation</i>
2014-2016	Consulting Editor, <i>Circulation Research</i>

Grant Support

<u>Present</u>			
	R01 HL155765 NIH/NHLBI Molecular Mechanisms of HFpEF-associated Atrial Fibrillation Major Goal: We propose work to dissect a novel mechanism of HFpEF-associated atrial fibrillation	01/01/2021-12/31/2024 \$250,000/year	1.8 CM
	R01 HL147933 NIH/NHLBI Cardiomyocyte bromodomain protein 4 (BRD4) in physiology and disease To define mechanisms of bromodomain 4-dependent governance of cardiac remodeling	9/1/2020-8/30/2024 \$250,000/year	1.8 CM
	T32 HL125247 NIH-NHLBI Goal: to develop the next generation of transformative cardiovascular investigators by recruiting highly talented and motivated individuals and preparing them for success in an increasingly competitive and resource-challenged environment.	07/01/19-06/30/2024	
	19TPA34910006 American Heart Association Heart Failure with Preserved Ejection Fraction (HFpEF): Translational Pharmacotherapy	07/01/19-06/30/22 \$100,000/year	
	R01 HL128214-01 (Hill) NIH/NHLBI; Mechanisms of obesity-dependent alterations in cardiomyocyte Metabolism Goal: to define cardiomyocyte-autonomous mechanisms of diabetic cardiomyopathy.	4/01/17-3/31/22	1.8 CM
	1R01HL126012-01A1(Hill) NIH/NHLBI FoxO-dependent Control of Cardiovascular Remodeling To determine and manipulate FoxO1 action in pathological cardiac remodeling, delineate the role of a FoxO1-Vcam1 axis in adult heart and delineate the role of a novel FoxO1-Dio2 axis in heart. Role: PI	04/01/2016 – 03/31/2020 \$250,000	1.8 CM
<u>Pending</u>			

Past			
	R01 HL120732 (Hill) NIH/NHLBI “STMI1: Master Regulator of Calcium Homeostasis in Cardiomyocytes” Propose to elucidate the role of a recently discovered protein which may serve as a master regulator of Ca ²⁺ homeostasis in both physiology and disease.	08/18/2013 – 05/31/2017 \$245,000	2.4 CM
	14SFRN20510023 (Hill) American Heart Association UT Southwestern Medical Center Strategically Focused Prevention Research Center To define the role of the UPR in metabolic shifts occurring in the transition from LVH to HFpEF, define the role of the UPR in cardiomyocyte autophagy in the transition from LVH to HFpEF, and define the effects of exercise on cardiomyocyte autophagy in the transition from LVH to HFpEF	07/01/2014 – 06/30/2018 \$954,800	2.4 CM
	1T32HL125247-01A1 (Hill) NIH/NHLBI “Training in Cardiovascular Research” The objective of this institutional training grant is to select talented and committed young investigators and to prepare them for careers in cardiovascular research.	07/01/2015 – 06/30/2020 \$400,391	2.4 cm
	RP110699 (Schneider) CPRIT “Maladaptive Cardiomyocyte Autophagy as a Mechanism of Doxorubicin-Induced Heart Failure” 1) to define the role and functional consequences of doxorubicin-elicited ROS in triggering cardiomyocyte autophagy; 2) to analyze mechanisms whereby HDAC inhibitors blunt doxorubicin-induced maladaptive autophagy in cardiomyocytes, and 3) to evaluate the in vivo efficacy of HDAC inhibitors in blunting doxorubicin-induced heart failure. Role: Project 3 PI	07/01/2011-12/30/2016 \$285,714	1.2 CM
	T32 HL007360 (Hill) NIH/NHLBI “Training in Cardiovascular Research” The objective of this institutional training grant is to select talented and committed young investigators and to prepare them for careers in cardiovascular research.	09/12/08-06/30/15 (NCE) \$846,521	1.2 cm
	UO1 HL100401 (Schneider) NIH/NHLBI “Microenvironmental Control of Progenitors in Organ Dysfunction and Repair” The proposal is focused on progenitor-stromal interactions and how they are critical for regenerative medicine. Aim 1. Define cell fate mechanisms in the microenvironment, using lineage tagging and tracing to identify and isolate progenitors and other key cell subpopulations, and using targeted miRs, molecules, and gene mutations to promote	09/30/09-06/30/16 \$425,000	0.6 cm

	desirable fates. Aim 2. Develop mechanistic signaling map of how pathophysiological stress/injury promotes structural and functional repair by activating, amplifying and fine-tuning microenvironment cell fate pathways. Aim 3. Collaborate Consortium-wide to develop education programs, built from knowledge of microenvironment cues and signals, targeted miRs and molecules, that can steer iPS cells towards desired fates and enhance their function in vivo. Role: Co-Investigator		
	11 CVD 04 (Robbins/Gautel) Fondation Leducq	10/01/2011–09/30/2016 \$187,727	1.2 CM
	Transatlantic Networks of Excellence in Cardiovascular Research Prgm “Proteotoxicity: an unappreciated mechanism of heart disease and its potential for novel therapeutics” The overall focus is to establish new insights and therapeutic modalities for stabilizing normal cardiac function in the at-risk, proteotoxic heart. Role: Sub-Site PI		
<u>Current Grants to Trainees</u>			
	Dian Cao, MD, PhD K08 HL116801 NIH/NHLBI	7/01/14-6/30/19	Autophagy in Metabolic Stress and Cardiac Function: Regulation by the HDAC-FoxO Axis
	Min Xie, MD, PhD 1K08 HL127305-01 NIH/NHLBI	4/01/15-3/31/20	Goal: By manipulating autophagy using two strategies: a) HDAC inhibition, and b) a cell-permeable peptide (Tat-Becn1), a strong autophagy activator, we will define mechanisms whereby activated autophagy is protective, focusing on excessive ROS production by defective mitochondria escaping autophagic elimination.
	16POST30680016 (Altamirano) American Heart Association	7/01/16-6/30/18	Cardiomyocyte Mechanotransduction: Roles of Polycystin-1/2
	16PRE29660003 (Kim) American Heart Association	7/01/16-6/30/18	BET Bromodomain Protein-Dependent Regulation of Cardiac Hypertrophy
	1F32 HL136151-01 (French) NIH/NHLBI	9/01/16-8/31/19	Farnesoid X Receptor is a Cardiac Fed-State Receptor and Suppresses Cardiac Autophagy

	F32 HL 142244 (Tong) NIH/NHLBI Protein Acetylation-dependent Control of Metabolic Remodeling in Heart Failure with Preserved Ejection Fraction (HFpEF)	4/01/18-6/28/19
	18POST34060230 (Schiatteralla) American Heart Association A Novel XBP1s-FoxO Axis in Toxic Lipid Accumulation in Heart Failure with Preserved Ejection Fraction	7/01/18-6/30/20
	Francisco Altamirano, PhD 19CDA34680003 American Heart Association Polycystin-1-dependent governance of cardiomyocyte hypertrophy via potassium channel control	4/1/19-3/31/2022
	Dian Cao, MD, PhD R01 HL145298 NIH/NHLBI Cytosolic DNA sensing in ischemia-mediated remodeling	7/1/19-6/30/2024 \$2,025,000

Clinical Trials Activities

<u>Present</u>	<i>Grantor:</i>
	<i>Title of Project:</i>
	<i>Role (Principal Investigator, Co-Investigator):</i>

Teaching Activities

Year(s)	Activity
	<u>Medical and graduate school didactic and small group teaching</u>
	<u>Dissertation committees</u>
2004-2007	Amy Mellgren
2004-2008	Rusty Montgomery
2004-2007	Matthew Potthoff
2007-2008	Bryan Young
2007-2011	David Patrick
2008-2012	Gregory Olsen
2008-2012	Daniel Quiat
2010-2015	Ankit Garg
2012-2015	Mindy Lee

2013-2016	Huanyu Zhou
2014-2017	Yi-Li Min
<u>Qualifying examination committees</u>	
2009	Derek Pugh-Committee Member
2010	Chris DeSevo-Committee Chair
2011	Ryan Jones-Committee Chair
2012	Ryan Downey-Committee Chair
2015	Tabitha Ting-Committee Member
<u>Committees concerned with medical and graduate student education</u>	
	none
<u>Graduate student rotations</u>	
	several
<u>Medical student rotations</u>	
<u>Undergraduate student trainees</u>	
<u>Graduate student trainees</u>	
1999-2004	Kenneth Richardson (MSTP Student)
2002-2007	Paul Tannous (MSTP Student)
2002-2008	Samvit Tandan (PhD Student)
2003-2011	Berdy Hojayev (PhD Student)
2006-2012	Oktay Rifki (MSTP Student)
2010-2014	Cyndi Morales (PhD Student)
2011-2015	Dan Li (PhD Student)
2015-Present	Esther Kim (PhD Student)
2015-2016	Mercedes Quintana-Serrano (MS Student)
2015-Present	Guanqiao Ding (PhD Student)
2017-Present	Subhajit Dasgupta (PhD student)
2017-Present	Hande Pirstine (MSTP student)
<u>Postgraduate medical education (graduate & continuing medical education)</u>	

<u>Postdoctoral trainees</u>	
1998-2002	Zhengyi Wang, MD
1999-2000	Mohsen Karimi, MD
2000-2001	Barry Cabuay, MD
2001-2002	Ki-Dong Yoo, MD, PhD
2002-2004	Yongguen Hong, DVM, PhD
2003-2004	Kambee Berenji, MD
2003-2004	Diana McCloskey
2003-2007	Yanggan Wang, MD, PhD
2003-2008	Hongxin Zhu, MD
2005-2008	Jeff Berry, MD
2005-2007	Vien Le, MD
2005-2007	Yan Ni, PhD
2006-2010	Andrew Blagg, PhD
2006-2010	R. Haris Naseem, MD
2007-2010	Andriy Nemchenko, PhD
2007-2012	Pavan Battiprolu, PhD
2007-2012	Dian Cao, MD, PhD
2007-2010	Pradeep Mammen, MD, PhD
2008-2012	Jana Burchfield, PhD
2009-2015	Zhao Wang, PhD
2009-2016	Min Xie, MD, PhD
2009-2015	Anwarul Ferdous, PhD
2009-2010	Jason Imundo, MD
2011-2014	Alfredo Criollo, PhD
2011-2013	Zully Pedrozo, PhD
2013-2016	Geoffrey Cho, MD
2015-2019	Francisco Altamirano, PhD
2015-2020	Gabriele Schiattarella, MD
2015-2020	Kristin French, PhD
2016-Present	Amanda Tong, MD, PhD
2017-Present	Yuxuan Luo, PhD
2018-2020	Maayan Waldman, PhD
2018-2020	Guihao Chen, MD
2020-Present	Xuliang Wang, MD
2021-Present	Daniel Daou

Invited Lectures

Year(s)		Location
<u>International</u>		
2021	Keynote Speaker, 11 th Central Congress of Cardiology (virtual)	Wuhan, China
2021	Keynote Speaker, 6th Yangtze River International Congress of Cardiology (virtual)	Chongqing, China
2020	Invited Speaker, 6 th Xi'an Cardiovascular Metabolic Forum (virtual)	
2020	Plenary Speaker, Shanghai Xinhua Cardiology Forum (virtual)	
2020	Invited Speaker, 81 st National Congress of the Italian Society of Cardiology (virtual)	
2020	Invited Speaker, Montreal Heart Institute (virtual)	
2020	Joint Medical Grand Rounds, McGill University Heart Centre and Jewish General Hospital, Montreal (virtual)	
2020	2019 Lucian Award Lecture (virtual)	
2020	Invited Speaker, International Society for Heart Research, North American Section (virtual)	
2020	Invited Lecture, BCVS@GWICC, Great Wall International Congress of Cardiology (virtual)	
2020	Invited Lecture, Great Wall International Congress of Cardiology (virtual)	
2020	Keynote Speaker, Great Wall International Congress of Cardiology (virtual)	
2020	Invited Speaker, 64th Annual Scientific Meeting of The Korean Society of Cardiology (KSC2020) (virtual)	
2020	Panelist, Virtual Round Table of Cardiology Training in India, Public Health Foundation of India (virtual)	

2020	Invited Speaker, Qianjiang International Conference of Cardiology (QICC) (virtual)	
2020	Plenary Speaker, Qianjiang International Conference of Cardiology (QICC) (virtual)	
2020	Invited Speaker, European Society of Cardiology (virtual)	
2020	Plenary Speaker, Japanese Circulation Society meeting (virtual)	Kyoto, Japan
2020	Plenary Speaker, eNCF Cardiology Congress (virtual)	Shanghai, China
2020	Plenary Speaker, Oriental Congress of Cardiology (virtual)	Shanghai, China
2019	Plenary Speaker, Oriental Congress of Cardiology	Shanghai, China
2019	Keynote Address, Italian Society of Cardiology	Rome, Italy
2019	Keynote Speaker, Japanese Circulation Society	Yokohama, Japan
2019	Invited Speaker, Epigenetics of Cardiovascular Diseases, Gordon Research Conference	Hong Kong, China
2019	Invited Speaker, ISHR World Congress	Beijing, China
2019	Plenary Speaker, Great Wall International Congress of Cardiology	Beijing, China
2018	John Foerster Distinguished Lecture, Institute of Cardiovascular Sciences, University of Manitoba	Winnipeg, Canada
2018	Invited Speaker, Nanjing Medical University	Nanjing, China
2018	International Society for Heart Research	Hangzhou, China
2018	Invited Speaker, Hangzhou University	Hangzhou, China
2018	Visiting Professor, Freiburg University	Freiburg, Germany
2018	Invited Speaker, COVADIS	Munich, Germany
2018	Invited Speaker, Wuhan University	Wuhan, China
2018	Keynote Speaker, 2018 Northeast Cardiovascular Forum	Shenyang, China
2018	Invited Speaker, Ecole Normale Supérieur	Paris, France

2018	Invited Speaker, Myocardial Senescence	Paris, France
2018	Invited Speaker, International Society for Heart Research – North American Section Meeting	Nova Scotia, Canada
2018	Honorary Award Lecture on Clinical Science, Germany Cardiac Society	Mannheim, Germany
2018	Visiting Professor, Humanitas University	Italy
2018	Invited Speaker, Milan Cardiology	Italy
2017	Keynote Speaker, 80 th Anniversary Jiaotong University	Xi'an, China
2017	Keynote Speaker, Great Wall International Congress of Cardiology	Beijing, China
2017	Keynote Speaker, Korean Society of Biochemistry and Molecular Biology	Korea
2017	Visiting Professor, University of Alberta	Alberta, Canada
2016	Keynote Lecture, NORHEART Symposium, University of Oslo, Norway	Oslo, Norway
2016	Keynote Speaker, Acute Cardiac Unloading and Recovery Symposium	Rome, Italy
2016	Invited Speaker, CardioVascular Clinical Trialists (CVCT) Asia Forum	Asia
2016	Visiting Professor, Ottawa Hospital Research Institute	Ottawa, Canada
2016	Visiting Professor, University of Ottawa Heart Institute	Ottawa, Canada
2015	Invited Speaker, ICCAD-2015: 11th International Congress on Coronary Artery Disease Conference	Florence, Italy
2015	Co-organizer, UT Southwestern – Wuhan University International Heart Failure Conference	Wuhan, China
2015	Plenary Speaker, Great Wall International Cardiology Conference	Beijing, China
2015	Visiting Professor, Tongje University	Wuhan, China
2015	Visiting Professor, Peking University	Beijing, China
2015	Visiting Professor, Xijing University	Xi'an, China
2015	Distinguished Visiting Professor, Heart & Stroke/Richard Lewar Center	Toronto, Canada

	of Excellence in Cardiovascular Research	
2015	University of Toronto	Toronto, Canada
2014	Distinguished Lectureship in Proteomics Science, Jointly Hosted and Sponsored by Institutes of Biomedical Sciences, Fudan University, and the Institute of Health Sciences, Shanghai Institute of Cardiovascular Diseases	
2014	Chinese Academy of Science	Beijing, China
2014	Great Wall International Cardiology Conference	Beijing, China
2014	International Congress on Neuromuscular Diseases XIII	Nice, France
2014	International Society for Heart Research – European Section, Frontiers in Cardiovascular Biology	Barcelona, Spain
2013	XII Pan-American Association for Biochemistry and Molecular Biology	Puerto Varas, Chile
2013	Yangtze River Heart Failure Symposium	Wuhan, China
2013	Pulmonary Vascular Research Institute meeting	Istanbul, Turkey
2012	British Pharmacology Society	London, UK
2012	University of Hamburg	Hamburg, Germany
2012	Cardiac Metabolism in Hypertrophy and Heart Failure	Oxford, UK
2011	Institute of Cardiovascular Sciences	Winnipeg, Canada
2010	World Congress of the International Society for Heart Research	Kyoto, Japan
2009	Italian Society of Cardiology	Rome, Italy
2009	Society for Heart and Vascular Metabolism-sponsored Symposium entitled “New Metabolic Signaling Mechanisms”,	Padova, Italy
2009	XXII Nordic-Baltic Congress of Cardiology	Reykjavik, Iceland
2009	Keynote Speaker, Molecular Regulation of Cardiac Disease	London, UK
2009	Heart Failure Association of the European Society of Cardiology	Brussels, Belgium

2008	Duke - National University of Singapore Graduate Medical School	Singapore
2008	German Cardiac Society	Mannheim, Germany
2007	Korean Circulation Society	Seoul, South Korea
2006	Plenary lecture, Scientific Sessions, Taiwan Society of Cardiology	Taiwan
2005	Visiting Professor and Cardiology Grand Rounds, Catholic University	Seoul, South Korea
2005	Visiting Professor and Medical Grand Rounds, Inje University, Kimhae	Seoul, South Korea
2004	University of Iceland	Reykjavik, Iceland
<u>National</u>		
2021	Plenary Speaker, 61 st Annual Cardiac Muscle Society Meeting (virtual)	
2020	Invited Speaker, Cardiovascular Clinical Trials Forum, Washington, DC (virtual)	
2020	Invited Speaker, American Heart Association Scientific Sessions (virtual)	
2020	Cardiology Grand Rounds, University of Chicago (virtual)	
2020	Cardiology Grand Rounds, University of Maryland (virtual)	
2020	Invited Speaker, AHA Basic Cardiovascular Sciences Sessions (virtual)	
2020	Congdon Visiting Scholar, Medical Grand Rounds, Virginia Commonwealth University	Richmond, Virginia
2020	Cardiology Grand Rounds, Virginia Commonwealth University	Richmond, Virginia
2019	Keynote Speaker, McAllister Heart Institute Symposium, University of North Carolina	Chapel Hill, North Carolina
2019	Frances Barnes Lecture in Clinical Cardiology, East Carolina Heart Institute	Greenville, North Carolina
2019	Keynote Speaker, International Hawaii Cardiovascular Symposium	Honolulu, Hawaii

2019	Visiting Professor, Harvard School of Public Health	Boston, Massachusetts
2019	McHenry Lecture, University of Indiana	Indianapolis, Indiana
2019	Blount Lecture, University of Colorado	Aurora, Colorado
2019	Cardiology Grand Rounds, Yale University	New Haven, Connecticut
2019	Cardiology Grand Rounds, Virginia Commonwealth University	Richmond, Virginia
2019	Congdon Visiting Scholar, Medical Grand Rounds, Virginia Commonwealth University	Richmond, Virginia
2018	Grand Rounds, Dartmouth-Hitchcock Medical Center	Lebanon, New Hampshire
2018	Cardiology Grand Rounds, University of San Diego	San Diego, California
2018	Keynote Speaker, Medical College of Wisconsin	Milwaukee, Wisconsin
2018	Matthew Levy Lecture, Case Western Reserve University	Cleveland, Ohio
2018	Invited Speaker, AHA Research Leaders Academy	Denver, Colorado
2018	Invited Speaker, Cardiovascular Innovations	Denver, Colorado
2018	Keynote Speaker, Cardiovascular Research Day, Northwestern University	Chicago, Illinois
2018	Visiting Professor, University of Iowa	Iowa
2018	Keynote Speaker, University of Alabama – Birmingham School of Medicine Research Roundtable	Alabama
2017	Visiting Professor, Stanford University	California
2017	Visiting Professor, University of Alabama	Birmingham
2017	Distinguished Keynote Speaker, Academy of Cardiovascular Research Excellent	Portland, Oregon
2017	Visiting Professor, Wake Forest University	Charlotte, North Carolina

2017	Visiting Professor, Massachusetts General Hospital	Boston, Massachusetts
2017	Gertrude and Florian Nelson Cardiovascular Research Lecturer, Cardiovascular-Renal Research Center, University of Mississippi	Jackson, Mississippi
2017	Visiting Professor, University of Pittsburgh Medical Center	Pittsburgh, Pennsylvania
2017	Visiting Professor, Johns Hopkins Medical Center	Baltimore, Maryland
2017	Invited Speaker, Institute of CardioScience, Johns Hopkins University	Baltimore, Maryland
2017	Thomas W. Smith Memorial Lecturer, Brigham and Women's Hospital	Boston, Massachusetts
2017	Invited Speaker, UCARS, Utah Cardiac Recovery Symposium	Salt Lake City, Utah
2016	Slusher Visiting Professor and Grand Rounds Speaker, Oregon Health Sciences University,	Portland, OR
2016	Anandi L. Sharma Visiting Professor of Cardiovascular Medicine, Mt Sinai Medical Center,	New York, NY
2016	Simon Dack Lecturer, Mt Sinai Medical Center,	New York, NY
2016	Visiting Professor, Duke Clinical Research Institute	
2016	Cardiology Grand Rounds, Duke University	
2016	Rolf Gunnar, MD Lecture, University of Illinois at Chicago	Chicago, IL
2016	Frank N. Wilson Visiting Professor, University of Michigan	Michigan
2016	Visiting Professor, Cardiovascular Sciences Training Program, University of Chicago	Chicago, IL
2016	Cardiology Grand Rounds, University of Chicago	Chicago, IL
2016	Invited Speaker, Keystone Symposia on Heart Failure: Genetics, Genomics	

	and Epigenetics/Cardiac Development, Regeneration and Repair	
2015	2015 Shapur Naimi Lecture, Tufts Medical Center, Boston	Boston, Massachusetts
2015	George E. Brown Memorial Lecturer, American Heart Association Scientific Sessions,	Orlando, Florida
2015	Invited Speaker, Cardiovascular Clinical Trials Forum; Trial Publications, Point and Counterpoint with Major Journal Editors,	Washington, DC
2015	Invited Speaker, Cardiovascular Clinical Trials Forum; Phenotyping Heart Failure – Is Precision Medicine the Way Forward?,	Washington, DC
2015	Visiting Professor, Medical University of South Carolina,	Charleston, SC
2015	Visiting Professor, University of Washington,	Seattle, Washington
2015	Invited Keynote Speaker, Society of Heart and Vascular Metabolism	
2015	Visiting Professor, University of Wisconsin	Wisconsin
2015	Invited Speaker, American Society for Investigative Pathology	
2015	Invited Speaker, American College of Cardiology ACC.15,	San Diego, CA
2015	Visiting Professor, University of Arizona	Arizona
2015	Invited Speaker, Association of American Medical Colleges Council of Faculty and Academic Societies,	San Diego, CA
2015	Cardiology Grand Rounds, Vanderbilt University Medical Center	Vanderbilt
2015	Dan May Memorial Lecture, Medical Grand Rounds, Vanderbilt University Medical Center	Vanderbilt
2015	Invited Speaker, AHA Basic Cardiovascular Sciences Council,	New Orleans

2014	Invited Speaker, Aab Cardiovascular Research Institute, University of Rochester	Rochester
2014	Invited Speaker, Stanford Cardiovascular Institute	Stanford
2014	Invited Speaker, Novartis Institutes for Biomedical Research,	Cambridge, MA
2014	Invited Speaker, Keystone Symposium “Growth and Wasting in Heart and Skeletal Muscle”,	Santa Fe, NM
2014	Invited Speaker, UCSD Cardiovascular Science Conference	
2014	Distinguished Cardiovascular Lecture, UCLA	California
2014	Invited speaker, International Society for Heart Research, Miami	Miami
2014	Cardiology Grand Rounds, University of Alabama – Birmingham	Alabama – Birmingham
2014	Invited speaker and discussion leader, Gordon Research Conference, “Cardiac Regulatory Mechanisms”, Colby-Sawyer College,	New London, NH
2013	Visiting Professor, Cedars-Sinai Medical Center,	Los Angeles, CA
2013	Invited Speaker, ISHR World Congress XXI,	San Diego, CA
2013	Invited Speaker, AHA Basic Cardiovascular Sciences,	Las Vegas, NV
2013	Invited Speaker, HDAC inhibitors in heart disease; Heart Failure Assoc of America Scientific Sessions,	Orlando, FL
2013	Invited Speaker, STIM1 in cardiac failure; Heart Failure Assoc of America Scientific Sessions,	Orlando, FL
2013	Invited Speaker, Heart Rhythm Society,	Denver, CO
2013	Invited Speaker, American Diabetes Association,	Chicago, IL
2013	Cardiology Grand Rounds, Columbia University,	New York, NY

2013	Grand Rounds, Eli Lilly Company,	Indianapolis, IN
2013	Invited Speaker, Brigham and Women's Hospital	
2013	Invited Speaker, Keystone Symposium "Mitochondria, Metabolism, and Myocardial Function – Basic Advances to Translational Studies",	Keystone, CO
2013	State-of-the-Art Lecture, 2013 Southern Regional Meetings,	New Orleans, LA
2013	Cardiology Grand Rounds, University of Massachusetts,	Worcester, MA
2013	Newton Stern Lecturer and Visiting Professor, University of Tennessee Health Science Center	Tennessee
2013	Invited Speaker, Utah Cardiac Recovery Symposium,	Salt Lake City, UT
2013	Theophilos J. Tsagaris Memorial Lecture, University of Utah	Utah
2012	Penn Cardiovascular Seminar Series, University of Pennsylvania, Philadelphia	Pennsylvania, Philadelphia
2012	Cardiology Grand Rounds, University of Pennsylvania, Philadelphia	Pennsylvania, Philadelphia
2012	Laurence H. Green Memorial Lecture, Brigham and Women's Hospital, Harvard Medical School,	Boston, MA
2012	Cardiology Grand Rounds, University of Louisville	Louisville
2012	Invited Faculty and Judge, Northwestern University Cardiovascular Young Investigator Forum,	Chicago
	Laurence H. Green Memorial Lecture, Brigham and Women's Hospital	Harvard Medical School; Brigham and Women's Hospital Boston, MA
2012	Visiting Professor, Sanford Research Center,	Sioux Falls, SD
2012	Visiting Professor, University of South Dakota	South Dakota
2012	Calabresi Lecture, Yale School of Medicine	

2012	Invited Speaker, NHLBI/NCI-sponsored symposium "Omics and Integration in Biology and Medicine"	
2012	Invited Speaker, Heart Rhythm Society Scientific Sessions	Boston, MA
2012	Invited Speaker, International Soc of Clinical Electrophysiology,	Birmingham, AL
2012	Invited Speaker, ACC.12 Scientific Sessions of the American College of Cardiology	
2012	Visiting Professor, San Diego State University	San Diego, CA
2012	Distinguished Visiting Professor, Cardiology Grand Rounds	University of Colorado
2012	Invited Speaker, ACC Cardiovascular Care Summit	Las Vegas
2011	Invited Speaker, American Heart Association Scientific Sessions;	Orlando, FL
2011	Visiting Professor, Beth Israel Deaconess Medical Center	Boston, MA
2011	Visiting Professor, University of Illinois	Chicago, IL
2011	Invited Faculty and Judge, University Cardiovascular Young Investigator Forum	Northwestern University; Chicago, IL
2011	Distinguished Guest Lecturer, Molecular Cardiology Research Institute, Tufts Medical Center	
2011	Heart Failure Society of America	Boston, MA
2011	AHA BCVS Conference	New Orleans, LA
2011	Visiting Professor and Keynote Speaker, Emory Cardiology Research Symposium	
2011	Invited Plenary Lecture, American Society of Hypertension Annual Scientific Meeting	New York, NY
2011	NHLBI Conference entitled Advances in Mitochondrial Dynamics and Mitochondrial Cytosolic Communications	Bethesda, MD
2011	Invited Speaker, American College of Cardiology Cardiovascular Leadership Institute Symposium entitled "The Future of America's Heart Centers: Physician Leadership"	
2011	Keystone Symposium "Mechanisms of Cardiac Growth, Death, and Regeneration"	

2011	American College of Cardiology Cardiovascular Leadership Institute Symposium entitled “The Future of America’s Heart Centers Physician Leadership”	
2011	International Cardiovascular Research Conference: Molecular and Cellular Insights of Cardiac Disease	La Jolla, CA
2011	Visiting Professor—Cardiology Grand Rounds	Washington University; St. Louis, MO
2010	Visiting Professor, Cardiology Grand Rounds, New York University	
2010	Invited Speaker, Keystone Conference on Cardiovascular Development and Repair, Keystone, CO	
2010	Belfer Lecture	Johns Hopkins School of Medicine;
2010	Keynote Speaker at the inaugural Cardiovascular Institute Research Retreat	Johns Hopkins School of Medicine;
2010	Invited Speaker, AHA BCVS Conference	American Heart Association; Palm Springs, CA
2010	Invited Speaker, Riley Heart Center Symposium on Cardiac Development	Indiana University; Bloomington, IN
2010	Anna & Harry Borun Visiting Professor, Cardiology Grand Rounds	University of California at Los Angeles; Los Angeles, CA
2010	Invited Faculty and Judge, Northwestern University Cardiovascular Young Investigator Forum	Northwestern University; Chicago, IL
2010	Visiting Professor	Cincinnati Children’s Heart Institute; Cincinnati, OH
2010	Visiting Professor, Cardiology Grand Rounds	Northwestern University; Evanston, IL
2010	Visiting Professor, Cardiology Grand Rounds	New York University; New York, NY
2009	Leonard Leight Memorial Lecture	University of Louisville, Louisville, KY

2009	Visiting Professor	Boston University, Boston, MA
2009	Visiting Professor	Department of Pediatrics, Emory University
2009	Visiting Professor	Department of Pharmacology, Emory University
2009	Dean's Distinguished Lecture Series	University of Kentucky
2009	Invited Speaker	American Society for Investigative Pathology, New Orleans
2009	Keynote Speaker	University of Iowa Cardiovascular Medicine Symposium
2009	Visiting Professor, Cardiology Grand Rounds	University of Connecticut
2009	Invited Faculty and Judge	Northwestern University Cardiovascular Young Investigator Forum, Chicago
2008	Invited Speaker, Keystone Conference entitled, "Pathological and Physiological Regulation of Cardiac Hypertrophy"	Keystone, CO
2008	Visiting Professor,	Albert Einstein College of Medicine, New York, NY
2008	Invited Speaker, AHA BCVS-Keystone Conference	American Heart Association BCVS-Keystone Conference; Keystone, CO
2008	Crampton Lecture	University of Virginia; Charlottesville, VA
2008	Invited Faculty and Judge, Northwestern University Cardiovascular Young Investigator Forum	Northwestern University; Chicago, IL
2008	Plenary lecture entitled "Remodeling and Prevention of Heart Failure", American Heart Association Scientific Sessions, New Orleans 2008	American Heart Association; New Orleans, LA
2008	Invited Speaker	Center for Drug Discovery and Chemical Biology, Northwestern University

2007	Visiting Professor and Cardiology Grand Rounds	Case Western Reserve University; Cleveland, OH
2007	Visiting Professor and Cardiology Grand Rounds	University of Iowa; Iowa City, IA
2007	Invited Faculty and Judge, Northwestern University Cardiovascular Young Investor Forum	Northwestern University; Chicago, IL
2006	AHA Basic Cardiovascular Science Symposium	Keystone, CO
2005	Visiting Professor and Cardiology Grand Rounds	Massachusetts General Hospital; Boston, MA
2004	“Cardiac Hypertrophy and Failure: Mechanisms of Remodeling”	American College of Sports Medicine; Indianapolis, IN
2004	Grand Rounds, Division of Pediatric Cardiology	UT Southwestern Medical Center; Dallas, TX
2004	Keynote Speaker, MSTP Annual Retreat	UT Southwestern Medical Center; Dallas, TX
2003	“Cardiac Hypertrophy and Failure: Mechanisms of Remodeling”	Tulane University; New Orleans, LA
2003	Discussant at Clinicopathological Conference	Parkland Memorial Hospital; Dallas, TX
2003	Visiting Professor and Cardiology Grand Rounds	St. Louis University; St. Louis, MO
2003	Visiting Professor and Cardiology Grand Rounds	University of Virginia; _____, VA
2002	“Electrophysiological Remodeling in Cardiac Hypertrophy and Failure”, Invited Lecture during pre-meeting symposium at the American Heart Association Scientific Sessions	
2002	Invited Lecturer at the American College of Physicians	Illinois Chapter; Champaign-Urbana, IL
2002	“Cardiac Hypertrophy and Failure: Mechanisms of Remodeling”	University of Alabama-Birmingham; Birmingham, AL
2002	Invited Lecturer; 8 th World Congress on Heart Failure	Washington, DC
2002	Cardiology Grand Rounds	University of Pennsylvania
2001	“Electrophysiological and Functional Remodeling in Hypertrophy”, Invited Lecture during pre-meeting symposium at the American Heart Association Scientific Sessions	American Heart Association Scientific Sessions

2000	Hypertrophic Cardiomyopathy: Role of Calcineurin in Structural, Electrical, and Functional Remodeling”	Dept of Medicine; Stanford University; Palo Alto, CA
1999	Hypertrophic Cardiomyopathy: Dissociation of Fundamental Components	Physiology Department, SUNY-Buffalo, NY
1998	Transgenic Animals in Cardiac Electrophysiology	National Association for Sport and Physical Education;
<u>Regional/Local</u>		
2018	Ground Rounds, Houston Medical DeBakey Heart & Vascular	Houston, Texas
2016	2015 James T. Willerson Lecture, UT	Houston, TX
2015	Invited Speaker, Baylor College of Medicine Cardiovascular Research Institute,	Houston, Texas
2013	Cardiology Grand Rounds, Texas A&M University,	Houston, TX
2013	Endocrine Grand Rounds, UT Southwestern Medical Center	
2012	Keynote Speaker, Cell Death and Differentiation Symposium, Scott & White Hospital, Texas A&M University	Texas
2012	Obesity Grand Rounds, UT Southwestern Medical center	Dallas, TX
2012	Invited Speaker, Second International Conference on Cancer and the Heart, MD Anderson Cancer Center, Houston, TX	Houston, TX
2011	Visiting Professor, Cardiology Grand Rounds, U Texas	Houston, TX
2011	Visiting Professor, Cardiology Grand Rounds	University of Texas; Houston, TX
2010	Invited Speaker, Cancer and the Heart	M.D. Anderson; Houston, TX
2008	Internal Medicine Grand Rounds	Presbyterian Hospital; Dallas, TX

2008	Cardiology Grand Rounds	Texas Heart Institute; Baylor College of Medicine; Houston, TX
2007	Visiting Professor and Cardiology Grand Rounds	University of Texas; Houston, TX
2006	Visiting Professor and Cardiology Grand Rounds	Texas Heart Institute; Baylor College of Medicine; Houston, TX

Technological and Other Scientific Innovations

--	--	--

Service to the Community

Year(s)	Role	Organization or institution
February 2018	Meetings Organized; Co-organizers: Yibin Wang, PhD and Carolyn Lam Su Ping, MD	Keystone Symposium: Heart Failure: Traversing the Translational Divide
June 2-5, 2010	Meetings Organized; Co-organizers: Eric Olson, PhD, and Jay Schneider, MD, PhD	<i>Birth, Life, and Death of the Cardiac Myocyte</i> Napa, California
October 17-18, 2009	Meetings Organized	<i>Association of Professors of Cardiology Leadership Symposium</i> Dallas, Texas

Bibliography

Peer-Reviewed Publications: H-index 93

Original Research Articles

1.	Marchese, A.C., Hill, J.A. , Xie, P.D., and Strauss, H.C.: Electrophysiologic effects of amiloride in canine Purkinje fibers: Evidence for a delayed effect on repolarization. <i>J. Pharmacol. Exp. Ther.</i> , 232:485-491, 1985.
2.	Hill, J.A. , Trantham, J.L., Browning, D.J., Grant, A.O., and Strauss, H.C.: An upper limit for the electrogenic Na-K pump contribution to maximum diastolic potential in feline cardiac Purkinje fibers in steady state. <i>Can. J. Physiol. Pharmacol.</i> , 64:641-648, 1986.
3.	Hill, J.A. , Coronado, R., and Strauss, H.C.: Reconstitution and characterization of a calcium-activated channel from heart. <i>Circ. Res.</i> , 62:411-415, 1988.
4.	Hill, J.A. , Coronado, R., and Strauss, H.C.: Potassium channel of cardiac sarcoplasmic reticulum is a multi-ion channel. <i>Biophys. J.</i> , 55:35-45, 1989.
5.	Hill, J.A. , Coronado, R., and Strauss, H.C.: Reconstitution of ionic channels from human heart. <i>J. Mol. Cell. Cardiol.</i> , 21:315-323, 1989.
6.	Hill, J.A. , Coronado, R., and Strauss, H.C.: Open-channel subconductance state of K ⁺ channel from cardiac sarcoplasmic reticulum. <i>Am. J. Physiol.</i> , 258:H159-H165, 1990.
7.	Shen, W.K., Hill, J.A. , Rasmussen, R., and Strauss, H.C.: Reconstitution of the K ⁺ channel of cardiac sarcoplasmic reticulum. <i>Prog. Clin. Biol. Res.</i> , 334:205-230, 1990.
8.	Hill, J.A. , Nghiêm, H-O., and Changeux, J-P.: Serine-specific phosphorylation of nicotinic receptor-associated 43K protein. <i>Biochemistry</i> , 30:5579-5585, 1991.

9.	Nghiêm, H-O., Hill, J.A. , and Changeux, J-P.: Developmental changes in the subcellular distribution of the 43K polypeptides in <i>Torpedo marmorata</i> electrocyte: Support for a role in acetylcholine receptor stabilization. <i>Development</i> , 113:1059-1067, 1991.
10.	Hill, J.A. : Nicotinic receptor-associated 43K protein and progressive stabilization of the postsynaptic membrane. <i>Molec. Neurobiol.</i> , 6:1-17, 1992.
11.	Hill, J.A. , Zoli, M., Bourgeois, J-P., and Changeux, J-P.: Immunocytochemical localization of a central nicotinic receptor: The β 2 subunit. <i>J. Neurosci.</i> , 13:1551-1568, 1993.
12.	Zoli, M., Le Novère, N., Hill, J.A. , and Changeux, J-P.: Developmental regulation of nicotinic ACh receptor subunit mRNAs in the rat central and peripheral nervous systems. <i>J. Neurosci.</i> , 15:1912-1939, 1995.
13.	Hill, J.A. , and Friedman, P.L.: Measurement of QT interval and QT dispersion. <i>Lancet</i> , 349:894-895, 1997
14.	Hill, J.A. , Lee, D., Ganz, P., Whittemore, A.D., and O’Gara, P.T.: Coronary artery bypass graft surgery in a 77-year-old woman. <i>Circulation</i> , 97:1757, 1998.
15.	London, B., Wang, D.W., Hill, J.A. , Bennett PB. The transient outward current (I_{to}) in targeted mice lacking Kv1.4. <i>J. Physiol.</i> , 509.1:171-182, 1998.
16.	Coral-Vazquez, R., Cohn, R.D., Moore, S.A., Hill, J.A. , Weiss, R.M., Davisson, R., Straub, V., Barresi, R., Bansal, D., Hrstka, R.F., Williamson, R., and Campbell, K.P.: Disruption of the sarcoglycan-sarcospan complex in vascular smooth muscle: A novel mechanism for cardiomyopathy and muscular dystrophy. <i>Cell</i> , 98:1-20, 1999.
17.	Hill, J.A. , Karimi, M. Kutschke, W., Davisson, R., Zimmerman, K., Wang, Z., Kerber, R.E., and Weiss, R.M.: Cardiac hypertrophy is not a required compensatory response to short-term pressure overload. <i>Circulation</i> 101:2863-2869, 2000.
18.	Hill, J.A. : Deconstructing cardiac hypertrophy: Signaling pathways involved in structural, functional, and electrical remodeling. <i>Curr. Opin. Cardiovasc. Invest. Drugs</i> 2(1):25-29, 2000.
19.	Hill, J.A. , and Kerber, R.E.: Quo vadis: How should we train cardiologists at the turn of the century? <i>Circulation</i> 102:932-936, 2000.
20.	Han, Z.Y., Le Novere, N., Zoli, M., Hill, J.A. , Champtiaux, N, and Changeux, J.P.: Localization of nAChR subunit mRNAs in the brain of macaca mulatta. <i>Eur. J. Neurosci.</i> 12(10):3664-3674, 2000.
21.	London, B., Guo, W., Pan, X., Lee, J.S., Shusterman, V., Logothetis, D.A., Nerbonne, J.M., and Hill, J.A. : Targeted replacement of Kv1.5 in the mouse leads to loss of the 4-aminopyridine-sensitive component of $I_{K,slow}$ and resistance to drug-induced QT prolongation. <i>Circ. Res.</i> 88:940-946, 2001.
22.	Wang, Z., Nolan, B., Kutschke, W., and Hill, J.A. : Na^+ - Ca^{2+} exchanger remodeling in pressure-overload cardiac hypertrophy. <i>J. Biol. Chem.</i> 276(21):17706-17711, 2001.
23.	Wang, Z., Kutschke, W., Richardson, K.E., Karimi, M., and Hill, J.A. : Electrical remodeling in pressure-overload cardiac hypertrophy: Role of calcineurin. <i>Circulation</i> 104:1657-1663, 2001.
24.	Antos, C.L., McKinsey, T.A., Frey, N., Kutschke, W., McAnally, J., Shelton, J.M., Richardson, J.A., Hill, J.A. , and Olson, E.N.: Activated glycogen synthase-3 β suppresses cardiac hypertrophy <i>in vivo</i> . <i>Proc Natl Acad Sci USA</i> 99:907-912, 2002.

25.	Hill, J.A. , Rothermel, B., Yoo, K.-D., Cabuay, B., Demetroulis, E., Weiss, R.M., Kutschke, W., Bassel-Duby, R., and Williams, R.S.: Targeted inhibition of calcineurin in pressure-overload hypertrophy: Preservation of systolic function. <i>J. Biol. Chem.</i> 277:10251-10255, 2002.
26.	Zhang, C.L., McKinsey, T.A., Chang, S., Antos, C.L., Hill, J.A. , and Olson, E.N. Class II histone deacetylases act as signal- responsive repressors of cardiac hypertrophy. <i>Cell</i> 110(4):467-478, 2002.
27.	Naya, F.J., Black, B.L., Wu, H., Bassel-Duby, R., Richardson, J.A., Hill, J.A. , and Olson, E.N.: Mitochondrial deficiency and cardiac sudden death in mice lacking the MEF2A transcription factor. <i>Nature Medicine</i> 8(11): 1303-1309, 2002
28.	Chen, C.-C., Lamping, K.G., Nuno, D.W., Barresi, R., Prouty, S.J., Lavoie, J.L., Cribbs, L.L., England, S.K., Sigmund, C.D., Weiss, R.M., Williamson, R.A., Hill, J.A. , Campbell, K.P. Abnormal coronary function in mice deficient in α_{1H} -T-type Ca^{2+} channels. <i>Science</i> 302:1416-1418, 2003.
29.	Hill, J.A. Electrical remodeling in cardiac hypertrophy. <i>Trends Cardiovascular Med</i> 13(8):316-322, 2003.
30.	Frey, N., Barrientos, T., Shelton, J., Frank, D., Rutten, H., Gehring, D., Kuhn, C., Lutz, M., Rothermel, B., Bassel-Duby, R., Richardson, J.A., Katus, H.A., Hill, J.A. , Olson, E.N. Mice lacking calsarcin-1 are sensitized to calcineurin signaling and display accelerated cardiomyopathy in response to biomechanical stress. <i>Nature Medicine</i> 10(11): 1336-1343, 2004.
31.	Chang, S., McKinsey, T.A., Zhang, C.L., Richardson, J.A., Hill, J.A. , Olson, E.N. Histone deacetylases 5 and 9 govern responsiveness of the heart to a subset of stress signals and play redundant roles in heart development. <i>Mol Cell Biol</i> 24(19):8467-8476, 2004.
32.	Frey, N., Katus, H.A., Olson, E.N., Hill, J.A. Hypertrophy of the heart: A new therapeutic target? <i>Circulation</i> 109:1580-1589, 2004.
33.	Rothermel, B.A. Berenji, K., Tannous, P., Kutschke, W., Dey, A., Nolan, B., Yoo, K.-D., Demetroulis, E., Gimbel, M., Cabuay, B., Karimi, M., Hill, J.A. Differential activation of stress-response signaling in load-induced cardiac hypertrophy and failure. <i>Physiol Genomics</i> 23(1):18-27, 2005.
34.	Oh, M., Rybkin, I.I., Copeland, V., Czubyrt, M.P., Shelton, J., van Rooij, E., Richardson, J.A., Hill, J.A. , De Windt, L.J., Bassel-Duby, R., Olson, E.N., Rothermel, B.A. Calcineurin is necessary for the maintenance but not embryonic development of slow muscle fibers. <i>Mol Cell Biol</i> 25(15):6629-6638, 2005.
35.	Hill, J.A. <i>In vino veritas</i> : Alcohol and heart disease. <i>Am J Med Sci</i> 329(3):124-135, 2005.
36.	Berenji, K., Drazner, M.H., Rothermel, B.A., Hill, J.A. Does load-induced ventricular hypertrophy progress to systolic heart failure? <i>Am J Physiol Heart Circ Physiol</i> 289:H8-H16, 2005.
37.	Wang, Y., Hill, J.A. Human Atrial Chloride Channels: Swelling With Pride. <i>J Cardiovasc Electrophysiol</i> 16:1-3, 2005.
38.	Richardson, K.E., Tannous, P., Berenji, K., Nolan, B., Bayless, K.J., Davis, G.E., Rothermel, B.A., Hill, J.A. GTPase activation occurs downstream of calcineurin in cardiac hypertrophy. <i>J. Investig. Med</i> 53(8):1-11, 2005.

39.	Wang, Y., Cheng, J., Tandan, S., Jiang, M., McCloskey, D.T., Hill, J.A. Transient-Outward K ⁺ Channel Inhibition Facilitates L-type Ca ²⁺ Current in Heart. <i>J Cardiovasc Electrophys</i> 17(3):1-7, 2006.
40.	Wang, Y., Cheng, J., Joyner, R.W., Wagner, M.B., Hill, J.A. Remodeling of early-phase repolarization: A mechanism of abnormal impulse conduction in heart failure <i>Circulation</i> 113(15):1849-1856, 2006.
41.	Song, K., Backs, J., McAnally, J., Qi, X., Gerard, R.D., Richardson, J.A., Hill, J.A. , Bassel-Duby, R., Olson, E.N. The transcriptional co-activator CAMTA stimulates cardiac growth by opposing class II histone deacetylases. <i>Cell</i> 125:453-466, 2006.
42.	Kong, Y., Lu, G., Tannous, P., Berenji, K., Rothermel, B.A., Olson, E.N., Hill, J.A. Suppression of class I and II histone deacetylases blunts pressure-overload cardiac hypertrophy, <i>Circulation</i> 113: 2579-2588, 2006.
43.	Rothermel, B.A., Hill, J.A. Molecular mechanisms of cardiac hypertrophy and failure. <i>Circulation</i> e853, 2006.
44.	Ni, Y.G., Berenji, K., Wang, N., Oh, M., Sachan, N., Dey, A., Cheng, J., Lu, G., Morris, D.J., Castrillon, D., Gerard, R.D., Rothermel, B.A., Hill, J.A. FoxO transcription factors blunt cardiac hypertrophy by inhibiting calcineurin signaling. <i>Circulation</i> 114:1159-1168, 2006.
45.	Kuwahara, K., Wang, Y., McAnally, J., Richardson, J.A., Bassel-Duby, R., Hill, J.A. , Olson, E.N. TRPC6 fulfills a calcineurin signaling circuit during pathological cardiac remodeling, <i>J Clin Invest</i> , 116(12):3114-26, 2006.
46.	Kuwahara, K., Teg Pipes, G.C., McAnally, J., Richardson, J.A., Hill, J.A. , Bassel-Duby, R., Olson, E.N. Modulation of adverse cardiac remodeling by STARS, a mediator of MEF2 signaling and SRF activity. <i>J Clin Invest</i> 117(5): 1324-1334, 2007.
47.	van Rooij, E., Sutherland, L.B., Qi, X., Richardson, J.A., Hill, J.A. , Olson, E.N. Control of stress-dependent cardiac growth and gene expression by micro RNA, <i>Science</i> 2007;316(5824):575-9.
48.	Wang, Y., Cheng, J., Chen, G., Rob, F., Naseem, R.H., Nguyen, L., Johnstone, J., Hill, J.A. Remodeling of outward K ⁺ currents in pressure-overload heart failure. <i>J Cardiovasc Electrophysiol</i> 18:869-875, 2007.
49.	Shen, C., Lin, M-J., Yaradanakul, A., Lariccia, V., Hill, J.A. , Hilgemann, D.W. Dual control of cardiac Na/Ca exchange by PIP ₂ : Analysis of the surface membrane fraction by extracellular cysteine PEGylation. <i>J Physiol</i> 582(3):1011-1026, 2007.
50.	Zhu, H., Tannous, P., Johnstone, J.L., Kong, Y., Shelton, J.M., Richardson, J.A., Levine, B., Rothermel, B.A., Hill, J.A. Cardiac autophagy is a maladaptive response to hemodynamic stress <i>J Clin Invest</i> 117(7): 1782–1793, 2007.
51.	Montgomery, R.L., Davis, C.A., Potthoff, M.J., Haberland, M., Fielitz, J., Zi, X., Hill, J.A. , Richardson, J.A., Olson, E.N. Histone deacetylases 1 and 2 redundantly regulate cardiac morphogenesis, growth, and contractility. <i>Genes Dev</i> 21: 1790-1802, 2007.
52.	Rothermel, B.A., Hill, J.A. Myocyte autophagy in heart disease: Friend or foe? <i>Autophagy</i> , 3(6):632-4, 2007.
53.	Rybkin, I.I., Kim, M.-S., Bezprozvannaya, S., Qi, X., Richardson, J.A., Plato, C.F., Hill, J.A. , Bassel-Duby, R., Olson, E.N. Regulation of atrial natriuretic peptide secretion by a novel Ras-like protein. <i>J Cell Biol</i> , 179(3): 527-537, 2007.

54.	Ni, Y.G., Wang, N., Morris, D.J., Gerard, R.D., Kuro-o, M., Rothermel, B.A., Hill, J.A. FoxO transcription factors activate Akt and attenuate insulin signaling in heart by inhibiting protein phosphatases. <i>Proc Natl Acad Sci USA</i> 104(51):20517-20522, 2007. <i>Discussed as a notable paper in Cell Metabolism</i> 7:101-103, 2008.
55.	Berry, J.M., Naseem, R.H., Rothermel, B.A., Hill, J.A. Models of cardiac hypertrophy and transition to failure. <i>Drug Discovery Today: Disease Models</i> , doi:10.1016/j.ddmod.2007.06.003, 2007.
56.	Klionsky, D.J., ... Hill, J.A. , ... Russell L. Deter (200 authors). Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> 4:2, 1-25, 2008.
57.	Kim, Y., Phan, D., van Rooij, E., Wang, D.-Z., McAnally, J., Qi, X., Richardson, J.A., Hill, J.A. , Bassel-Duby, R., Olson, E.N. The MEF2D transcription factor mediates stress-dependent cardiac remodeling. <i>J Clin Invest</i> 118(1): 124-132, 2008.
58.	Berry, J.M., Cao, D.J., Rothermel, B.A., Hill, J.A. , Histone deacetylase inhibition in the treatment of heart disease. <i>Expert Opin. Drug Saf.</i> 7(1):53-67, 2008.
59.	Hill, J.A. , Olson, E.N. Cardiac plasticity. <i>N Engl J Med</i> 358:1370-1380, 2008.
60.	Errami, M., Galindo, C.L., Tassa, A.T., DiMaio, J.M., Hill, J.A. , Garner, H.S. Doxycycline attenuates isoproterenol and transverse aortic banding-induced cardiac hypertrophy in mice. <i>J Pharmacol Exp Ther</i> , 324(3):1196-203, 2008.
61.	Fielitz, J., Kim, M.-S., Shelton, J.M., Qi, X., Hill, J.A. , Richardson, J.A., Bassel-Duby, R., Olson, E.N. Requirement of Protein Kinase D1 for Pathological Cardiac Remodeling. <i>Proc Natl Acad Sci USA</i> 105(8):3059-63, 2008.
62.	Tannous, P., Zhu, H., Nemchenko, A., Berry, J.M., Johnstone, J.L., Shelton, J.M., Miller, F.J., Jr., Rothermel, B.A., Hill, J.A. Intracellular protein aggregation is a proximal trigger of cardiomyocyte autophagy. <i>Circulation</i> 117:3070-3078, 2008.
63.	Tannous, P., Zhu, H., Johnstone, J.L., Shelton, J.M., Soorappan, R., Benjamin, I.J., Nguyen, L., Gerard, R.D., Levine, B., Rothermel, B.A., Hill, J.A. Autophagy is an adaptive response in desmin-related cardiomyopathy. <i>Proc Natl Acad Sci USA</i> 105(28):9745-9750, 2008.
64.	Wang, S., Aurora, A.B., Johnson, B.A., Qi, X., McAnally, J., Hill, J.A. , Richardson, J.A., Bassel-Duby, R., Olson, E.N. The endothelial-specific microRNA miR-126 governs vascular integrity and angiogenesis. <i>Developmental Cell</i> 15:261-271, 2008.
65.	Rothermel, B.A., Hill, J.A. , The heart of autophagy: Deconstructing cardiac proteotoxicity. <i>Autophagy</i> 4(7):932-5, 2008.
66.	van Rooij, E., Sutherland, L.B., Thatcher, J.E., DiMaio, J.M., Naseem, R.H., Marshall, W.S., Hill, J.A. , Olson, E.N. Dysregulation of microRNAs after myocardial infarction reveals a role of miR-29 in cardiac fibrosis. <i>Proc Natl Acad Sci USA</i> 105(35):13027-13032, 2008.
67.	Rothermel, B.A., Hill, J.A. Autophagy in load-induced heart disease. <i>Circulation Research</i> 103:1363-1369. 2008.
68.	Wang, Y., Tandan, S., Cheng, J., Yang, C., Nguyen, L., Sugianto, J. Johnstone, J.L., Sun, Y. and Hill, J.A. CaMKII-dependent remodeling of Ca ²⁺ current in pressure-overload heart failure. <i>J Biol Chem</i> 283(37):25524-32, 2008.
69.	Rothermel, B.A., Hill, J.A. , Adenosine A ₃ receptor and cardioprotection: Enticing, enigmatic, elusive. <i>Circulation</i> 118(17):1691-3, 2008.
70.	Backs, J., Backs, T., Neef, S., Kreußer, M.M., Lehmann, L.H., Patrick, D.M., Grueter, C., Qi, X., Richardson, J.A., Hill, J.A. , Katus, H.A., Bassel-Duby, R., Maier, L.S., Olson, E.N. The δ isoform of CaMKII is required for pathological

	cardiac hypertrophy and remodeling after pressure overload. <i>Proc Natl Acad Sci USA</i> 106(7):2342-2347, 2009.
71.	Tandan, S., Wang, Y., Richardson, K.E., Wang, T.T., Hall, D.D., Hell, J.W., Luo, X., Rothermel, B.A., Hill, J.A. , Physical and functional interaction between calcineurin and the cardiac L-type Ca ²⁺ channel. <i>Circ Res</i> 105:51-60, 2009. <i>Discussed in an accompanying commentary: Pitt, G.S., Calcineurin finds a new partner in the L-type Ca²⁺ channel. Circ Res</i> 105:7-8, 2009.
72.	Yund, E., Hill, J.A. , Keller, R.S. Hic-5 is required for fetal gene expression and cytoskeletal organization of neonatal cardiac myocytes. <i>J Mol Cell Cardiol</i> 47(4):520-527, 2009.
73.	Wang, Z., Hill, J.A. Autophagy in heart disease. Abcam series of signaling pages (URL pending).
74.	Munshi, N., McAnally, J., Bezprozvannaya, S. Berry, J.M. Richardson, J.A., Hill, J.A. , Olson, E.N. Cx30.2 enhancer analysis identifies Gata4 as a novel regulator of atrioventricular delay. <i>Development</i> 136(15):2665-2675, 2009.
75.	Cao, D.J., Gillette, T.G., Hill, J.A. Cardiomyocyte autophagy: Remodeling, repairing, reconstructing the Heart. <i>Curr Hypertens Rep</i> 11(6):406-11, 2009.
76.	Nemchenko, A., Hill, J.A. NEMO nuances NK-κB. <i>Circ Res</i> 106:10-2, 2010.
77.	van Rooij, E., Fielitz, J., Sutherland, L.B., Thijssen, V., Crijns, H.J., DiMaio, M.J., Richardson, Hill, J.A. , J.A., De Windt, L.J., Olson, E.N. MEF2 and class II HDACs control a gender-specific pathway of cardioprotection mediated by the estrogen receptor. <i>Circ Res</i> 106(1):155-65:7-8, 2010.
78.	Wang, Y., Hill, J.A. , Electrophysiological remodeling in heart failure. <i>J Mol Cell Cardiol</i> 48:619-632, 2010.
79.	Wang, Z.V., Rothermel, B.A., Hill, J.A. Autophagy in hypertensive heart disease. <i>J Biol Chem</i> 285(12):8509-14, 2010.
80.	Markham, D.W., Hill, J.A. MicroRNAs and heart failure: MiR-acle or miR-age? <i>Circ Res</i> 106(6):1011-3, 2010.
81.	Turer, A.T., Hill, J.A. Pathogenesis of ischemia-reperfusion injury and rationale for therapy. <i>Am J Cardiol</i> 106(3):360-8, 2010.
82.	Oh, M., Dey, A., Gerard, R.D., Hill, J.A. , Rothermel, B.A. The CCAAT/enhancer binding protein beta (C/EBPβ) cooperates with NFAT to control expression of the calcineurin regulatory protein <i>RCAN1-4</i> . <i>J Biol Chem</i> 285(22):16623-31, 2010.
83.	Errami, M., Tassa, A.T., Galindo, C.L., Skinner, M., Hill, J.A. , Garner, H.R. Carbamazepine alone and in combination with doxycycline attenuates isoproterenol-induced cardiac hypertrophy, <i>Heart Int</i> 5:e7:27-32, 2010.
84.	Massare, J., Berry, J., Luo, X., Rob, F., Johnstone, J., Shelton, J., Bassel-Duby, R., Hill, J.A. , and Naseem, H.R. Diminished cardiac fibrosis in heart failure is associated with altered ventricular arrhythmia phenotype, <i>J Cardiovasc Electrophys</i> , 21(9):1031-1037, 2010.
85.	Ferdous, A., Battiprolu, P.K., Ni, Y., Rothermel, B.A., Hill, J.A. FoxO, autophagy, and cardiac remodeling, <i>J Cardiovasc Trans Research</i> 3(4):355-364, 2010.
86.	Dimas, V., Ayers, C., Daniels, J., Joglar, J.A., Hill, J.A. , Naseem, R.H. Spironolactone therapy is associated with reduced ventricular tachycardia rate in patients with cardiomyopathy, <i>Pacing Clinical Electrophysiol</i> Oct 14:1-6, 2010.

87.	Battiprolu, P.K., Gillette, T.G., Wang, Z.V., Lavandero, S., Hill, J.A. Diabetic cardiomyopathy: Mechanisms and therapeutic targets, <i>Drug Discov Today: Dis Mech</i> Aug;3(4):355-64, 2010.
88.	Iglewski, M., Hill, J.A. , Lavandero, S., Rothermel, B.A. Mitochondrial fission and autophagy in the normal and diseased heart, <i>Curr Hypertens Rep</i> 12(6):418-25, 2010.
89.	Xu, H., Ginsburg, K.S., Hall, D.D., Zimmermann, M., Zhang, M., Tandan, S., Hill, J.A. , Horne, M.C., Bers, D., Hell, J.W. Targeting of protein phosphatases PP2A and PP2B to the C-terminus of the L-type calcium channel Cav1.2. <i>Biochemistry</i> , 49(48):10298-307, 2010.
90.	Ding, P., Huang, J., Battiprolu, P.K., Hill, J.A. , Kamm, K.E., Stull, J.T. Cardiac myosin light chain kinase is necessary for myosin regulatory light chain phosphorylation and cardiac performance <i>in vivo</i> , <i>J Biol Chem</i> , 285(52):40819-29, 2010.
91.	Eschenhagen, T. Force, T., Ewer, M.S., de Keulenaar, G., Suter, T., Anker, S., Avkiran, M., de Azambuja, E., Balligand, J.L., Brutsaert, D., Condorelli, G., Hansen, A., Heymans, S., Hill, J.A. , Hirsch, E., Hilfiker-Kleiner, D., Janssens, S., de Jong, S., Neubauer, G., Pieske, B., Ponikowski, P., Pirmohamed, M., Rauchhaus, M., Sawyer, D., Sugden, P., Wojta, J., Zannad, F., Shah, A. Cardiovascular side-effects of cancer therapies: A position statement from the heart failure association of the European Society of Cardiology, <i>Eur J Heart Fail</i> , 13:1-10, 2011.
92.	Russell, J.L., Goetsch, S., Gaiano, N., Hill, J.A. , Olson, E.N., Schneider, J.W. A dynamic Notch injury response activates epicardium and contributes to fibrosis repair. <i>Circ Research</i> , 108(1):51-59, 2011. <i>Discussed in an accompanying commentary: Rentschler, S., Epstein, J.A. Kicking the epicardium up a notch. Circ Research</i> 2011.
93.	Patrick, D., Montgomery, R., Qi, C., Obad, S., Kauppinen, S., Hill, J.A. , van Rooij, E., Olson, E.N. Stress-dependent cardiac remodeling in the absence of microRNA-21 in mice. <i>J Clin Invest</i> 120(11): 3912-3916, 2010.
94.	Sachan, N., Dey, A., Rotter, D., Grinsfelder, D.B., Battiprolu, P., Sikder, D., Copeland, V., Oh, M., Bush, E., Shelton, J.M., Bibb, J.A., Hill, J.A. , Rothermel, B.A. Sustained hemodynamic stress disrupts normal circadian rhythms in calcineurin-dependent signaling and protein phosphorylation in the heart. <i>Circ Research</i> 108(4):437-45, 2011.
95.	Parra, V., Verdejo, H., del Campo, A., Penannen, C., Kuzmicic J., Iglewski, M., Hill, J.A. , Rothermel, B.A., Lavandero, S. The complex interplay between mitochondrial dynamics and cardiac metabolism. <i>J Bioenerg Biomembr</i> 43(1):47-51 2011.
96.	Hill, J.A. Autophagy in cardiac plasticity and disease. <i>Pediatr Cardiol</i> , 32(3):282-9, 2011.
97.	Porrello, E.R., Mahmoud, A.I., Simpson, E., Richardson, J.A., Hill, J.A. , Olson, E.N., Sadek, H.A. Transient regenerative potential of heart tissue in neonatal mice. <i>Science</i> 331(6020):1078-80, 2011.
98.	Bravo, R., Vicencio, J.M., Parra, V., Troncoso, R., Munoz, J.P., Bui, M., Quiroga, C., Rodriguez, A.E., Verdejo, H., Ferreira, J., Iglewski, M., Chiong, M., Simmen, T., Zorzano, A., Hill, J.A. , Rothermel, B.A., Szabadkai, G., Lavandero, S. Increased ER-mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. <i>J Cell Science</i> 124, 2143-2152, 2011.

99.	Vicencio, J.M., Estrada, M., Galvis, D., Bravo, R., Contreras, A.E., Rotter, D., Szabadkai, G., Hill, J.A. , Rothermel, B.A., Jaimovich, E., Lavandero, S. Anabolic androgenic steroids and intracellular calcium signaling: A mini review on mechanisms and physiological implications. <i>Mini-Rev Med Chem</i> 11(5):390-8, 2011.
100.	Cao, D.J., Wang, Z.V., Battiprolu, P.K., Jiang, N., Morales, C., Kong, Y., Rothermel, B.A., Gillette, T.G., Hill, J.A. HDAC inhibitors attenuate cardiac hypertrophy by suppressing maladaptive autophagy. <i>Proc Natl Acad Sci USA</i> , 108(10):4123-8, 2011.
101.	Williams, R.S., de Lemos, J.A., Dimas, V., Reisch, J., Hill, J.A. , Naseem, R.H. Effect of spironolactone on patients with atrial fibrillation and structural heart disease. <i>Clin Cardiol</i> , 34(7):415-9, 2011.
102.	Xie, M., Morales, C.R., Lavandero, S., Hill, J.A. Tuning flux: Autophagy as a target of heart disease therapy. <i>Curr Opin Cardiol</i> 26(3):216-222, 2011.
103.	Cao, D.J., Hill, J.A. Titrating autophagy in cardiac plasticity. <i>Autophagy</i> 7:1078-9, 2011.
104.	Hojayev, B., Hill, J.A. HDACs and hypertrophy, kinases and cancer. <i>Circulation</i> 31;123(21):2341-2343, 2011.
105.	Nemchenko, A., Chiong, M., Turer, A., Lavandero, S., and Hill, J.A. Autophagy as a therapeutic target in cardiovascular disease. <i>J Mol Cell Cardiol</i> 51:584-593, 2011.
106.	Faul, C., Amaral, A., Oskouei, B., Hu, M.-C., Sloan, A., Isakova, T., Gutierrez, O., Aguillon-Prada, R., Hare, J.M., Mundel, P., Morales, A., Scialla, J., Fischer, M., Soliman, S., Chen, J., Chen, J., Go, A. Rosas, S., Nessel, L., Townsend, R., Feldman, H.I., St John Sutton, M., Ojo, A., Gadegbeku, C., Hill, J.A. , Moe, O., Kuro-o, M., Kusek, J., Keane, M.G., Wolf, M., Fibroblast growth factor 23 induces left ventricular hypertrophy, <i>J. Clin Invest</i> 121(11):4393-408, 2011.
107.	Khakoo, A.Y., Liu, P., Force, T., Lopez-Bernstein, G., Jones, L., Schneider, J., Hill, J.A. Cardiotoxicity due to cancer therapy. <i>Texas Heart Institute J</i> 38(3); 253-256, 2011.
108.	Berry, J.M., Le, V., Battiprolu, P.K., Tannous, P., Czubryt, M., Backs, J., Bassel-Duby, R., Olson, E.N., Rothermel, B.A., Hill, J.A. , Reversibility of adverse, calcineurin-dependent cardiac remodeling. <i>Circ Research</i> 109:407-417, 2011.
109.	Bacharova, L., Bang, L.E., Estes, E.H., Hill, J.A. , Macfarlane, P.W., Rowlandson, I., Schillaci, G. Second statement of the working group on electrocardiographic diagnosis of left ventricular hypertrophy. <i>J Electrocardiol</i> 44(5):568-70, 2011.
110.	Ferdous, A., Morris, J., Abedin, M.J., Collins, S., Richardson, J.A., Hill, J.A. The Forkhead factor FoxO1 is essential for placental morphogenesis in the developing embryo. <i>Proc Natl Acad Sci USA</i> , 108(39):16307-12, 2011.
	Troncoso, R., Vicencio, J.M., Nemchenko, A., Kawashima, Y., del Campo, A., Parra, V., Toro, B., Aranguiz, P., Chiong, M., Battiprolu, P.K., Yakar, S., Gillette, T.G., Hill, J.A., Abel, E.D., LeRoith, D., Lavandero, S. Energy-preserving effects of IGF-1 antagonize starvation-induced cardiac autophagy. <i>Cardiovasc Res</i> 93(2):320-9, 2012.
	Chiong, M., Wang, Z.V., Pedrozo, Z., Cao, D.J., Troncoso, R., Criollo, A., Nemchenko, A., Hill, J.A., Lavandero, S. Cardiomyocyte death: Mechanisms and translational implications. <i>Cell Death Dis</i> 2: e244, 2011.

111.	Zhang, Q-J., Chen, H-Z., Wang, L., Liu, D., Hill, J.A. , Liu, Z-P. The histone trimethyl demethylase, JMJD2A, promotes cardiac hypertrophy in response to hypertrophic stimuli in mice. <i>J Clin Invest</i> 121(6), 2447-2456, 2011
112.	Luo, X., Jiang, N., Hojayeve, B., Tandan, S., Rakalin, A., Wang, Z.V., Rothermel, B.A., Gillette, T.G., Hill, J.A. STIM1-dependent store-operated Ca ²⁺ entry is required for pathological cardiac hypertrophy. <i>J Mol Cell Cardiol</i> , 52(1):136-147, 2012.
113.	He, C., Bassik, M.C., Moresi, V., Sun, K., Wei, Y., Zou, Z., An, Z., Loh, J., Fisher, J., Sun, Q., Packer, M., May, H., Hill, J.A. , Virgin, H.W., Gilpin, C., Xiao, G., Bassel-Duby, R., Scherer, P.E., Levine, B., Exercise-induced Bcl-2-regulated autophagy is required for muscle glucose homeostasis. <i>Nature</i> , 481(7382):511-5, 2012.
114.	Battiprolu, P.K., Hojayeve, B., Jiang, N., Wang, Z.V., Luo, X., Iglewski, M., Shelton, J.M., Gerard, R.D., Rothermel, B.A., Gillette, T.G., Lavandero, S., Hill, J.A. Metabolic stress-induced activation of FoxO1 triggers diabetic cardiomyopathy. <i>J Clin Invest</i> 122(3):1109-18, 2012.
115.	Mao, W., You, T., Li, X., Dong, H.H, Hill, J.A. , Li, F., Xu, H. Reactive oxygen species suppress cardiac NaV1.5 expression through FoxO1. <i>PLoS One</i> 7(2):e32738, 2012.
116.	Ma, X., Liu, H., Foyil, S.R., Godar, R.J. Weinheimer, C.J., Hill, J.A. , Diwan, A. Impaired autophagic clearance causes cardiomyocyte death in ischemia-reperfusion injury. <i>Circulation</i> 125: 3170-3181, 2012.
117.	Klionsky, D.J., ... Hill, J.A. , ... Zuckerbraun, B. (200 authors) Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> 8(4):445-544, 2012.
118.	Song, K., Nam, Y-J., Qi, X., Tan, W., Luo, X., Neilson, E.G. Hill, J.A. , Bassel-Duby, R., Olson, E.N. Cardiac repair by reprogramming cardiac fibroblasts toward a cardiac fate in vivo. <i>Nature</i> 485(7400):599-604, 2012.
119.	Aurora, A., Mahmoud, A., Luo, X., Johnson, B., van Rooij, E., Matsuzaki, S., Humphries, K., Hill, J.A. , Bassel-Duby, R., Sadek, H., Olson, E.N. MicroRNA-214 protects the heart from ischemic injury by controlling Ca ²⁺ overload and cell death in mice, <i>J Clin Invest</i> 122(4):1222-32, 2012.
120.	Ferdous, A., Hill, J.A. FoxO1 in embryonic development. <i>Transcription</i> Aug 1;3(5), 2012.
121.	Rifki, O.F., Hill, J.A. Cardiac autophagy: Good with the bad. <i>J Cardiovasc Pharmacol</i> 60(3):248-52, 2012.
122.	Hojayeve, B., Rothermel, B.A., Gillette, T.G., Hill, J.A. FHL2 binds calcineurin and represses pathological cardiac growth. <i>Mol Cell Biol</i> 32(19):4025-4034, 2012
123.	Hill, J.A. Hypertrophic reprogramming of the left ventricle: Translation to the ECG. <i>J Cardiovasc Electrocardiol</i> 45(6):624-9, 2012.
126.	Turer, A.T., Hill, J.A. , Elmquist, J.K., Scherer, P.E. Adipose tissue biology and cardiomyopathy: Translational implications. <i>Circ Research</i> 111:1565-1577, 2012.
127.	Huang, G.N., Thatcher, J.E., McAnnally, J., Kong, Y., Qi, X., Tan, W., DiMaio, J.M, Amatruda, J.F., Gerard, R.D., Hill, J.A. , Bassel-Duby, R., Olson, E.N. C/EBP mediates epicardial activation during heart development and injury. <i>Science</i> 338:1599-603, 2012.

128.	Lee, C.S., Greenberg, B.H., Laramee, A.S., Ammon, S.E., Prasun, M., Galvao, M., Doering, L.V., Sherman, M.E., Stevenson, L.W., Gregory, D.D., Heidenreich, P.A., Kapur, N.K., O'Connell, J.B., Taylor, A.L., Hill, J.A. , Baas, L., Gibbs, A., Rasmusson, K., Lewis, C., Kirkwood, P., Reigle, J., Rathman, L., Bither, C. HFSA and AAHFN joint position statement: advocating for a full scope of nursing practice and leadership in heart failure. <i>J Card Fail</i> 18(11):811-2, 2012.
129.	Bacharova, L., Hill, J.A. , Wagner, G. Changing role of ECG in left ventricular hypertrophy. <i>J Electrocardiol</i> 45(6):609-11, 2012.
130.	Deng, Y., Wang, Z.V., Tao, C., Gao, N., Holland, W.L., Ferdous, A., Repa, J.J., Liang, G., Ye, J., Lehrman, M., Hill, J.A. , Horton, J.D. Scherer, P.E. The Xbp1s/GalE axis links ER stress to postprandial hepatic metabolism. <i>J Clin Invest</i> , 123(1):455-68, 2013.
131.	Bravo, R., Parra, V., Gatica, D., Quiroga, C., Rodriguez, A.E., Torrealba, N., Toro, B., Paredes, F., Pedrozo, Z., Munoz, J.P., Nunez, S., Diaz, M.I., Wang, Z.V., Troncoso, R., Garcia, L., Zorzano, A., Hill, J.A. , Jaimovich, E., Quest, A.F.G., Lavandero, S. Endoplasmic reticulum and the unfolded protein response: Dynamics and metabolic integration. <i>Internat Rev Cell Molec Biol, International Review of Cell and Molecular Biology</i> , Academic Press, Elsevier Inc., 301: 215-290, 2013.
132.	Wang, Z.V., Ferdous, A., Hill, J.A. Cardiomyocyte autophagy: Metabolic profit-and-loss. <i>Heart Fail Rev</i> 18: 585–594, 2013.
133.	Battiprolu, P.K., Lopez-Crisosto, C., Wang, Z.V., Nemchenko, A., Lavandero, S., Hill, J.A. Diabetic cardiomyopathy and metabolic remodeling of the heart. <i>Life Sciences</i> , 92: 609–615, 2013.
134.	Xie, M., Hill, J.A. HDAC-dependent ventricular remodeling. <i>Trends Cardiovasc Med</i> 23(6):229-35, 2013.
135.	Cao, D.J., Jiang, N., Blagg, A., Johnstone, J.L., Gondalia, R., Oh, M., Luo, X., Yang, K.-C., Shelton, J.M., Rothermel, B.A., Gillette, T.G., Dorn II. G.W., Hill, J.A. FoxO3 triggers cardiac atrophy via BNIP3-dependent cardiomyocyte autophagy. <i>J Am Heart Assoc</i> 2(2):e000016, 2013.
136.	Nam, Y.J., Song, K., Luo, X., Daniel, E., Lambeth, K., West, K.A., Hill, J.A. , DiMaio, J.M., Baker, L.A., Bassel-Duby, R., Olson, E.N. Reprogramming of adult human fibroblasts toward a cardiac fate. <i>Proc Natl Acad Sci</i> 110 (14):5588-5593, 2013.
137.	Pedrozo, Z., Torrealba, N., Fernández, C., Gatica, D., Toro, B., Quiroga, C., Rodríguez, A.E., Sanchez, G., Gillette, T.G., Hill, J.A. , Donoso, P., Lavandero, S. Cardiomyocyte ryanodine receptor degradation by chaperone-mediated autophagy. <i>Cardiovasc Res</i> 98(2):277-85, 2013.
138.	Rifki, O.F., Bodemann, B.O., Battiprolu, P.K., White, M.A., Hill, J.A. RalGDS-dependent cardiomyocyte autophagy is required in load-induced ventricular hypertrophy. <i>J Mol Cell Cardiol</i> 59:128-38, 2013.
139.	Troncoso, R., Díaz-Elizondo, J., Espinoza, S.P., Navarro, M., Oyarzún, A.P., Riquelme, J., Garcia-Carvajal, I., Díaz-Araya, G., García, L., Hill, J.A. , Lavandero, S. Regulation of cardiac autophagy by insulin-like growth factor 1. <i>IUBMB Life</i> 65(7):593-601, 2013.
140.	Burchfield, J., Xie, M., Hill, J.A. Pathological ventricular remodeling: Mechanisms. <i>Circulation</i> 128:388-400, 2013.
141.	Xie, M., Burchfield, J., Hill, J.A. Pathological ventricular remodeling: Therapies. <i>Circulation</i> 128:1021-30. 2013.

142.	Chang, A.N., Huang, J., Battiprolu, P., Hill, J.A. , Kamm, K., Stull, J. The effects of neuregulin on cMLCK gene-ablated hearts. <i>PLoS One</i> 8(6):e66720, 2013.
143.	Gillette, T.G., Hill, J.A. PKG primes the proteasome. <i>Circulation</i> 128:325-327, 2013.
144.	Hill, J.A. , Diwan, A. Ca ²⁺ leak in AF: Junctophilin 2 stabilizes ryanodine receptor. <i>J Amer Coll Cardiol</i> 62(21):2020-2020, 2013.
145.	Lavandero, S., Troncoso, R., Rothermel, B.A., Martinet, W., Sadoshima, J., Hill, J.A. Cardiovascular autophagy: Concepts, controversies and perspective. <i>Autophagy</i> 9:10, 1455–1466, 2013.
146.	Bhuiyan, M.S., Pattison, J.S., Osinska, H., James, J., Gulick, J., McLendon, P.M., Hill, J.A. , Sadoshima, J., Robbins, J. Induced autophagy ameliorates cardiac proteinopathy. <i>J Clin Invest</i> 123(12):5284-97, 2013.
147.	Bravo, R., Torrealba, N., Paredes, F., Morales, P.E., Pennanen, C., López-Cristoso, C., Troncoso, R., Criollo, A., Chiong, M., Hill, J.A. , Simmen, T., Quest, A.F.G., Lavandero, S. Endoplasmic reticulum and the unfolded protein response: dynamics and metabolic integration. <i>Int J Biochem & Cell Biol</i> 301:215-290, 2013.
148.	Wang, Z.V., Li, D.L., Hill, J.A. Heart failure and loss of metabolic flexibility. <i>J Cardiovasc Pharmacol</i> 63(4):302-313, 2014.
149.	Li, D.L., Hill, J.A. Cardiomyocyte autophagy and cancer chemotherapy. <i>J Mol Cell Cardiol</i> 71:54-61, 2014.
150.	Li, L., Wang, Z.V., Hill, J.A. , Lin, F., New autophagic reporter mice reveal dynamics of proximal tubular autophagy. <i>J Amer Soc Nephrol</i> 25: 305-315, 2014.
151.	Morales, C.R., Pedrozo, Z., Lavandero, S., Hill, J.A. Oxidative stress and autophagy in cardiovascular homeostasis. <i>Antioxid Redox Signal</i> 20(3):507-18, 2014.
152.	Wang, Y., Tandan, S., Hill, J.A. Calcineurin-dependent ion channel regulation in heart. <i>Trends Cardiovasc Med</i> 24(1):14-22, 2014.
153.	Lin, F., Wang, Z.V., Hill, J.A. Seeing is believing: Dynamic changes in renal epithelial cell autophagy during injury and repair. <i>Autophagy</i> 10(4):691-693, 2014.
154.	Parra, V., Verdejo, H., Iglewski, M., del Campo, A., Troncoso, R., Jones, D.L., Zhu, Y., Kuzmicic, J., Pennanen, C., Lopez-Crisosto, C., Jana, F., Ferreira, J., Chiong, M., Bernlohr, D.A., Klip, A., Hill, J.A. , Rothermel, B.A., Abel, E.D., Zorzano, A., Lavandero, S. Insulin stimulates mitochondrial fusion and function in cardiomyocytes via the Akt-mTOR-NFkB-Opa-1 signaling pathway. <i>Diabetes</i> 63(1):75-88, 2014.
155.	Mariño, G., Pietrocola, F., Eisenberg, T., Kong, Y., Malik, S.A., Andryushkova, A., Schroeder, S., Pendl, T., Harger, A., Niso-Santano, M., Zamzami, N., Scoazec, M., Enot, D.P., Fernández, A.F., Martins, I., Senovilla, L., Bauvy, C., Morselli, E., Vacchelli, E., Bennetzen, M., Magnes, C., Sinner, F., Pieber, T., López-Otín, C., Maiuri, M.C., Codogno, P., Andersen, J.S., Hill, J.A. , Madeo, F., Kroemer, G. Regulation of autophagy by cytosolic acetyl coenzyme A. <i>Molecular Cell</i> 53(5):710-725, 2014.
156.	Aurora, A.B., Porrello, E.R., Tan, W., Mahmoud, A.L., Hill, J.A. , Bassel-Duby, R., Sadek, H.A., Olson, E.N. Macrophages are required for neonatal heart regeneration. <i>J Clin Invest</i> 124(3):1382-1392, 2014.
157.	Xie, M., Kong, Y., Tan, W., May, H., Battiprolu, P.K., Pedroza, Z., Wang, Z., Morales, C., Jiang, N., Jessen, M.E., Warner, J.J., Lavandero, S., Gillette, T.G., Turer, A.T., Hill, J.A. HDAC inhibition blunts ischemia/reperfusion injury by normalizing cardiomyocyte autophagy. <i>Circulation</i> 129(10):1139-51, 2014.

	<i>discussed in commentary "Targeting Autophagy for the Therapeutic Application of Histone Deacetylase (HDAC) Inhibitors in Ischemia-Reperfusion Heart Injury" Circulation 129:1088-1091, 2014.</i>
158.	<p>Wang, Z.V., Deng, Y., Gao, N., Pedrozo, Z., Li, D.L., Morales, C., Criollo, A., Luo, X., Tan, W., Jiang, N., Lehrman, M.A., Rothermel, B.A., Lee, A.-H., Lavandero, S., Mammen, P. P.A., Ferdous, A., Gillette, T.G., Scherer, P.E., Hill, J.A. Spliced X-Box binding protein 1 couples the unfolded protein response to hexosamine biosynthetic pathway. <i>Cell</i> 156: 1179-1192, 2014.</p> <p><i>discussed in commentary: Vicenz, L. and Hartl, F.U. Sugarcoating ER Stress, Cell 156: 1125-1127, 2014.</i></p> <p><i>discussed in commentary: Du Toit, A. Sweetening Protein Quality Control, Nature Reviews Mol Cell Biol, 2014.</i></p> <p><i>discussed in commentary: Berndt, J.D. Preventing Stress with Sugar, Science Signaling 7(319):ec83, 2014</i></p> <p><i>discussed in commentary: Glembotski, C.C. Finding the Missing Link Between the Unfolded Protein Response and O-GlcNAcylation in the Heart. Circ Research 115:546-548, 2014</i></p>
159.	Cao, D.J., Hill, J.A. Copper futures: Ceruloplasmin and heart failure. <i>Circ Research</i> 114:1678-1680, 2014.
160.	Luo, X., Hill, J.A. Ca ²⁺ in the Cleft: Fast and Fluorescent. <i>Circ Research</i> 115(3):326-328, 2014.
161.	Kwartler, C.S., Chen, J., Thakur, D., Li, S., Baskin, K., Wang, S., Wang, Z.V., Walker, L., Hill, J.A. , Epstein, H.F., Taegtmeier, H., Milewicz, D.M. Over-expression of smooth muscle myosin heavy chain leads to activation of the unfolded protein response and autophagic turnover of contractile proteins in vascular smooth muscle cells. <i>J Biol Chem</i> 289(20): 14075-14088, 2014.
162.	Tong, C.W., Ahmad, T., Brittain, E.L., Bunch, J., Damp, J.B., Dardas, T., Hajar, A., Hill, J.A. , Hillard, A.A., Houser, S.R., Jahangir, E., Kates, A.M., Kim, D., Lindman, B.R., Ryan, J.J., Rzeszut, A.K., Sivaram, C.A., Valente, A.M., Freeman, A.M. Challenges facing early career academic cardiologists. <i>J Amer Coll Cardiol</i> 63(21):2199-2208, 2014.
163.	Mariño, G., Pietrocola, F., Kong, Y., Hill, J.A. , Fadeo, F., Kroemer, G. Dimethyl α -keto-glutarate inhibits maladaptive autophagy in pressure overload-induced cardiomyopathy. <i>Autophagy</i> 10(5):930-932, 2014.
164.	Ibarra, C., Vicencio, J.M., Varas-Godoy, M., Jaimovich, E., Rothermel, B.A., Uhlén, P., Hill, J.A. , Lavandero, S. An integrated mechanism of cardiomyocyte nuclear Ca ²⁺ signaling, <i>J Mol Cell Cardiol</i> 75C:40-48, 2014.
165.	Kreusser, M., Lehmann, L., Keranov, S., Hoting, M.-O., Kohlhaas, M., Reil, J.C., Neumann, K., Schneider, M., Hill, J.A. , Dobrev, D., Maack, C., Maier, L., Gröne, H.-J., Katus, H., Olson, M., Backs, J., The cardiac CaMKII genes δ and γ contribute to adverse remodeling but redundantly inhibit calcineurin-induced myocardial hypertrophy, <i>Circulation</i> 130:1219-1220, 2014.
166.	Hu, M.C., Shi, M. Cho, H.J., Adams-Huet, B., Paek, J., Hill, K., Shelton, J., Amaral, A., Faul, C., Taniguchi, M., Wolf, M., Brand, M., Takahashi, M., Kuro-o, M., Hill,

	J.A. , Moe, O.W. Klotho and phosphate are modulators of pathologic uremic cardiac remodeling, <i>J Amer Soc Nephrol</i> 26(6):1290-302, 2015.
167.	Lavandero, S., Chiong, M., Rothermel, B.A., Hill, J.A. Autophagy in cardiovascular biology, <i>J Clin Invest</i> 125:55-64, 2015.
168.	Daniels, J.D., Hill, J.A. Funny and late: Targeting currents governing heart rate in atrial fibrillation, <i>J Cardiovasc Electrophysiol</i> 26(3):336-8, 2015.
169.	Rockey, D.C., Bell, D., Hill, J.A. Fibrosis: A common pathway of organ injury and failure, <i>N Engl J Med</i> 372(12):1138-49, 2015.
170.	Wang, Z.V., and Hill, J.A. Protein quality control and metabolism: Bidirectional control in the heart, <i>Cell Metabolism</i> 21(2):215-26, 2015.
171.	Wang, Z.V., Hill, J.A. Diabetic cardiomyopathy: Catabolism driving metabolism, <i>Circulation</i> 131(9):771-3, 2015.
172.	Lara-Pezzi, E., Menasché, P., Trouvin, J-H., Badimón, L., Ioannidis, J.P.A., Wu, J.C., Hill, J.A. , Koch, W.J., De Felice, A.F., Homsy, C., de Waele, P., Steenwinckel, Valérie, Hajjar, R.J., Zeiher, A.M. Guidelines for translational research in heart failure, <i>J Cardiovasc Trans Res</i> 8(1):3-22, 2015.
173.	Westermeyer, F., Navarro-Marquez, M., López-Crisosto, Quiroga, C., Verdejo, H.E., Ibacache, M., Parra, V., Castro, P.F., Rothermel, B.A., Hill, J.A. , Lavandero, S. Defective insulin signalling in diabetic cardiomyopathy and mitochondrial dynamics, <i>BBA - Molecular Cell Research</i> 1853(5):1113-1118, 2015.
174.	Gillette, T.G. and Hill, J.A. Readers, writers and erasers: Chromatin as the whiteboard of heart disease, <i>Circ Research</i> 116(7):1245-1253, 2015.
175.	Harrington, R.A., Barac, A., Brush, J.E., Hill, J.A. , Krumholz, H., Lauer, M.S., Sivaram, C.A., Taubman, M.B., Williams, J.L. COCATS Task Force 15: Training in cardiovascular research and scholarly activity <i>J Am Coll Cardiol</i> 65(17):1899-906, 2015.
176.	Chang, A.N., Battiprolu, P.K., Cowley, P.M., Chen, G., Gerard, R.D., Pinto, R.R., Zhu, M.-S., Hill, J.A. , Baker, A.J., Kamm, K.E., Stull, J.T., Constitutive phosphorylation of cardiac myosin regulatory light chain <i>in vivo</i> , <i>J Biol Chem</i> 290(17):10703-16, 2015.
177.	Schiattarella, G.G., Hill, J.A. Inhibition of hypertrophy is a good therapeutic strategy in ventricular pressure overload, <i>Circulation</i> 131(16):1435-47, 2015.
178.	Pedrozo, Z., Criollo, A., Battiprolu, P.K., Jiang, N., Contreras, A., Fernández, C., Morales, C.R., Luo, X., Caplan, M.J., Somlo, S., Rothermel, B.A., Gillette, T.G., Lavandero, S., Hill, J.A. Polycystin-1 is a cardiomyocyte mechanosensor that governs L-type Ca ²⁺ channel protein stability, <i>Circulation</i> 131, 2131-2142, 2015.
179.	Hill, J.A. Braking bad hypertrophy. <i>N Engl J Med</i> 372(22):2160-2, 2015.
180.	Altamirano, F., Wang, Z.V., and Hill, J.A. Cardioprotection in ischemia/reperfusion injury: Novel mechanisms and clinical translation, <i>J Physiol</i> 593(17):3773-3788, 2015.
181.	Cao, D.J., Lavandero, S., Hill, J.A. Parkin gone wild: Unbridled ubiquitination, <i>Circ Research</i> 117(4): 311-313, 2015.
182.	Zhu, M., Wang, Z., Luo, R., Goetsch, S.C., Hill, J.A. , Schneider, J., Morris, S.M., Liu, Z.-P. FoxO4 promotes early inflammatory response upon myocardial infarction via endothelial Arg1, <i>Circ Research</i> 117(11):967-977, 2015.
183.	Vásquez-Trincado, C., García-Carvajal, I., Pennanen, C., Parra, V., Hill, J.A. , Rothermel, B.A., Lavandero, S. Mitochondrial dynamics, mitophagy and cardiovascular diseases, <i>J Physiol</i> 594(3):509-525, 2016.

184.	Burchfield, J., Paul, A.L., Lanka, V., Tan, W., Kong, Y., McCallister, C., Rothermel, B.A., Schneider, J.W., Gillette, T.G., Hill, J.A. Pharmacological priming of adipose-derived stem cells promotes myocardial repair, <i>J Investig Med</i> 64(1): 50-62, 2016.
185.	Cho, G.W., Altamirano, F., Hill, J.A. Chronic heart failure: Ca ²⁺ , catabolism, and catastrophic cell death, <i>BBA – Mechanisms of Disease</i> 1862(4):763-77, 2016.
186.	Kim, S.Y., Morales, C., Hill, J.A. Epigenetic regulation in heart failure, <i>Curr Opin Cardiol</i> 31(3):255-65, 2016.
187.	Schiattarella, G., Hill, J.A. Therapeutic targeting of autophagy in cardiovascular disease, <i>J Mol Cell Cardiol</i> 95:86-93, 2016.
188.	Hill, J.A. How to review a manuscript, <i>J Electrocardiol</i> 49(2):109-11, 2016.
189.	García-Rúa, V., Feijóo-Bandín, S., Rodríguez-Penas, D., Mosquera-Leal, A., Abu-Assi, E., Beiras, A., Seoane, L.M., Lear, P.V., Parrington, J., Portolés, M., Roselló-Lletí, E., Rivera, M., Parra, V., Hill, J.A. , Rothermel, B.A., González-Juanatey, J., Lago, F. Endolysosomal two pore-segment channels regulate autophagy in cardiomyocytes, <i>J Physiol</i> 594(11):3061-3077, 2016.
190.	Li, D.L., Wang, Z.V., Ding, G., Tan, W., Luo, W., Criollo, A., Xie, M., Jiang, N., May, H., Kyrychenko, V., Schneider, J.W., Gillette, T.G., Hill, J.A. Doxorubicin blocks cardiomyocyte autophagic flux by inhibiting lysosome acidification, <i>Circulation</i> 133(17):1668-87, 2016.
191.	Shaikh, S., Troncoso, R., Criollo, A., Bravo-Sagua, R., Morselli, E., Garcia, L., Hill, J.A. , Lavandero, S. Regulation of cardiomyocyte autophagy by Ca ²⁺ , <i>AJP – Endocrinology and Metabolism</i> 310: E587–E596, 2016.
192.	Morales, C.R., Li, D.L., Pedrozo, Z., May, H.I., Jiang, N., Kyrychenko, V., Cho, G., Rotter, D., Rothermel, B.A., Schneider, J.A., Lavandero, S., Gillette, T.G., Hill, J.A. Inhibition of class I histone deacetylases blunts cardiac hypertrophy via TSC2-dependent mTOR repression, <i>Science Signaling</i> 9(422):1-10, 2016.
193.	Schiattarella, G., Hill, J.A. Linking metabolism and oxidative stress in pathological cardiac remodeling, <i>Eur Heart J</i> May 30, 2016.
194.	Fujikawa, T., Castorena, C.M., Pearson, M., Kusminski, C.M., Ahmed, N., Battiprolu, P.K., Kim, K.W., Lee, S., Hill, J.A. , Scherer, P.E., Holland, W.L., Elmquist, J.K. SF-1 expression in the hypothalamus is required for beneficial metabolic effects of exercise, <i>eLife</i> 2016, DOI: 10.7554/eLife. 18206.001
195.	Deng, Y., Wang, Z.V., Gordillo, R., An, Y., Zhang, C., Liang, Q., Yoshino, J., Cautivo, K.M., de Brabander, J., Elmquist, J.K., Horton, J.D., Hill, J.A. , Klein, S., Scherer, P.E. An adipo-biliary-uridine axis that regulates energy homeostasis, <i>Science</i> 355: 1-9, 2017
196.	Konstam, M.A., Hill, J.A. , Kovacs, R.J., Harrington, R.A., Arrighi, J.A., Khera, A. The Academic medical system: Reinvention to survive the revolution in health care, submitted, in review. <i>J Amer Coll Cardiol</i> 69(10):1305-1312, 2017.
197.	Tong, D., Hill, J.A. Spermidine promotes cardioprotective autophagy, <i>Circ Research</i> 120:1229-1231, 2017.
198.	Hill, J.A. , Ardehali, R., Taylor Clark, K., del Zoppo, G.J., Eckhardt, L.L., Griendling, K.K., Libby, P., Roden, D.M., Sadek, H.A., Seidman, C., Vaughan, D.E. Fundamental cardiovascular research: Returns on societal investment <i>Circ Research</i> 121(3):e2-e8, 2017.

199.	Perrino, C., Barabási, A-L., Condorelli, G., Davidson, S.M., De Windt, L., Dimmeler, S., Engel, F.B., Hausenloy, D.J., Hill, J.A. , Van Laake, L.W., Lecour, S., Leor, J., Madonna, R., Mayr, M., Prunier, F., Sluijter, J., Schulz, R., Thum, T., Ytrehus, K., Ferdinandy, P. Epigenomic and transcriptomic approaches in the post-genomic era: Path to novel targets for diagnosis and therapy of the ischemic heart? <i>Cardiovasc Research</i> 113(7):725-736, 2017.
200.	Joshi, P.H., Hill, J.A. "Pound-Years": Effects on the heart of long-term exposure to obesity, <i>Circulation Research</i> 120(10):1533-1534, 2017.
201.	Eschenhagen, T., Bolli, R., Braun, T., Field, L.J., Fleischmann, B., Frisé, J., Giacca, M., Hare, J., Houser, S., Lee, R.T., Marbán, E., Martin, J.F., Molkentin, J.D., Murry, C., Riley, P., Ruiz-Lozano, P., Sadek, H., Sussman, M., Hill, J.A. Cardiomyocyte regeneration: A consensus statement. <i>Circulation</i> 136(7):680-68, 2017.
202.	Ling, L., Zviti, R., Ha, C., Wang, Z.V., Hill, J.A. , Lin, F. Forkhead Box O3 (FoxO3) regulates kidney tubular autophagy following urinary tract obstruction, <i>J Biol Chem</i> 292(33):13774-13783, 2017.
203.	Tong, C.W., Madhur, M.S., Rzeszut, A.K., Abdalla, M., Abudayyeh, I., Alexanderson, E., Buber, J., Feldman, D.N., Gopinathannair, R., Hira, R.S., Kates, A., Kessler, T., Leung, S., Raj, S.J., Spatz, E.S., Turner, M.B., Valente, A.M, West, K., Sivaram, C.A., Hill, J.A. , Mann, D.L., Freeman, A. Status of early career academic cardiology: A global perspective. <i>J Amer Coll Cardiol</i> 70(18):2290-2303, 2017.
204.	Nakada, Y., Canseco, D.C., Thet, S., Abdisalaam, S., Asaithamby, A., Santos, C.X., Shah, A.M., Zhang, H., Faber, J.E., Kinter, M.T., Szweda, L.I., Xing, C., Hu, Z., Deberardinis, R.J., Schiattarella, G.G., Hill, J.A. , Oz, O., Lu, Z., Zhang, C.C., Kimura, W., Sadek, H.A. Hypoxia induces heart regeneration in adult mice. <i>Nature</i> 541(7636):222-227, 2017.
205.	Parra, V., Altamirano, F., Hernández-Fuentes, C.P., Tong, D., Kyrychenko, V., Rotter, D., Pedrozo, Z., Hill, J.A. , Eisner, V., Lavandero, S., Schneider, J.W., Rothermel, B.A. Down syndrome critical region 1 gene, <i>Rcan1</i> , helps maintain a more fused mitochondrial network, <i>Circulation Research</i> , 122:e20-e33, 2018
206.	Cao, D., Schiattarella, G.G., Villalobos, E., Jiang, N., May, H.I., Li, T., Chen, Z.J., Gillette, T.G., Hill, J.A. Cytosolic DNA sensing governs macrophage transformation and myocardial ischemic injury, <i>Circulation</i> 137(24):2613-2634, 2018.
207.	Criollo, A., Altamirano, F., Pedrozo, Z., Schiattarella, G.G., Li, D.L., Rivera-Mejías, P., Sotomayor-Flores, C., Parra, V., Villalobos, E., Batriprolu, P.K., Jiang, N., May, H.I., Morselli, E., Igarashi, P., de Smedt, H., Gillette, T.G., Lavandero, S., Hill, J.A. Polycystin-2-dependent control of cardiomyocyte autophagy, <i>J Mol Cell Cardiol</i> 118:110-121, 2018.
208.	Deng, Y., Wang, Z.V., Gordillo, R., Zhu, Y., Ali, A., Zhang, C., Wang, X., Shao, M., Zhang, Z., Iyengar, P., Gupta, R., Horton, J.D., Hill, J.A. , Scherer, P.E. Adipocyte Xbp1s overexpression drives uridine production and reduces obesity, <i>Molecular Metabolism</i> 11:1-17, 2018
209.	Bi, X., Zhang, G., Wang, X., Nguyen, C., May, H.I., Li, X., Al-Hashimi, A., Austin, R.C., Gillette, T.G., Fu, G., Wang, Z.V., Hill, J.A. ER chaperone GRP78 protects the heart from ischemia/reperfusion injury through stimulation of Akt, <i>Circulation Research</i> 122:1517-1531, 2018.

210.	Sun, Y., Yao, X., Zhang, Q-J., Zhu, M., Liu, Z-P., Carlson, D., Rothermel, B.A., Sun, Y., Levine, B., Hill, J.A. , Wolf, S.E., Minei, J.P., Zhang, Q.S., Beclin-1-dependent autophagy protects the heart during sepsis, submitted, <i>Circulation</i> 138(20):2247-2262, 2018
211.	Zhang, Q-J., Anh, T., Wang, M., Ranek, M.J., Gao, J., Luo, X., Wei, T., Xu, J., Bassel-Duby, R., Hill, J.A. , Olson E.N., Kass, D., Martinez, E., Liu, Z.-P. Histone lysine dimethyl-demethylase KDM3A controls pathological cardiac hypertrophy and fibrosis. <i>Nature Communications</i> 9(1):5230, 2018
212.	Nakada, Y., Savla, J., Xiao, F., Ngoc, U, Lam, N, Abdisalaam, S., Bhattacharya, S., Mukherjee, S., Asaithamby, A., Gillette, T.G., Hill, J.A. , Sadek, S.A. DNA damage response regulates pressure overload-induced cardiomyocyte hypertrophy, <i>Circulation</i> ;139(9):1237-1239, 2019.
213.	Bravo-Sagua, R., Parra, C., Ortiz-Sandoval, C., Navarro-Marquez, M., Rodriguez, A.E., Diaz, N., Sanhueza, C., Rothermel, B.A., Hill, J.A. , Simmen, T., Quest, A.F.G., Lavandero, S. Caveolin-1 impairs PKA-DRP1-mediated remodelling of ER-mitochondria communication during the early phase of ER stress, <i>Cell Death Differ</i> 26(7):1195-1212, 2019.
214.	Ma, X., Mani, K., Liu, H., Kovacs, A., Murphy, J.T., Foroughi, L., French, B.A., Weinheimer, C.J., Benjamin, I.J., Hill, J.A. , Javaheri, A., Diwan A., TFEB activation rescues advanced α B-crystallin mutation-induced cardiomyopathy by normalizing desmin localization, <i>JAHA</i> 8(4):e010866, 2019.
215.	Abdullah, C.S., Alam S., Aishwarya, R., Miriyala, S., Panchatcharam, M., Pattillo, C.B., Orr, A.W., Sadoshima, J., Hill, J.A. , Bhuiyan, M.S. Doxorubicin-induced cardiomyopathy associated with inhibition of autophagic degradation process and defects in mitochondrial respiration, <i>Scientific Reports</i> 14;9(1):2002, 2019.
216.	Schiattarella, G.G., Altamirano, F., Tong, D., French, K., Jiang, N., May, H.I., Wang, Z.V., Hill, T.M., Lee, D.I., Hahn, V.S., Sharma, S., Kass, D.A., Lavandero, S., Gillette, T.G., Hill, J.A. Nitrosative stress-dependent suppression of Xbp1s drives heart failure with preserved ejection fraction, <i>Nature</i> 568(7752):351-356, 2019. <i>discussed in a Nature News and Views: Amgalan D., Kitsis, R.N. A mouse model for the most common form of heart failure. Nature Apr;568(7752):324-325, 2019.</i> <i>highlighted in Nature Reviews Cardiology: New mouse model reveals nitrosative stress as a novel driver of HFpEF, Nature Rev Cardiol</i> 16(7):383, 2019. <i>discussed in The New England Journal of Medicine: Unfolding discoveries in heart failure, N Engl J Med</i> 16(7):383, 2020.
217.	Villalobos, E., Criollo, A., Schiattarella, G.G., Altamirano, F., French, K., May, H.I., Jiang, N., Nguyen, N.U.N., Romero, D., Roa, J.C., Garcia, L., Diaz-Araya, G., Morselli, E., Ferdous, A., Conway, S.J., Sadek, H.A., Gillette, T.G., Lavandero, S., Hill, J.A. Fibroblast primary cilia are required for cardiac fibrosis, <i>Circulation</i> 139(20):2342-2357, 2019.
218.	Xie, M., Tang, Y., Hill, J.A. HDAC inhibition as a therapeutic strategy in myocardial ischemia/reperfusion injury, <i>J Mol Cell Cardiol</i> 129:188-192, 2019.

219.	Altamirano, F., Schiattarella, G.G., French, K., Kim, S.Y., Kyrychenko, S., Engelbelger, F., Villalobos, E., Tong, D., Schneider, J.W., Ramirez-Sarmiento, C.A., Lavandero, S., Gillette, T.G., Hill, J.A. Polycystin-1 governs K ⁺ channel assembly and function to regulate cardiomyocyte repolarization and contractile performance, <i>Circulation</i> ;140(11):921-936, 2019.
220.	Tong, D., Schiattarella, G.G., Jiang, N., May, H.I., Lavandero, S., Gillette, T.G., Hill, J.A. Female sex is protective in a preclinical model of heart failure with preserved ejection fraction, <i>Circulation</i> 140(21):1769-1771, 2019.
221.	Mishra, P., Adameova, A., Hill, J.A. , Baines, C., King, P., Downey, J., Narula, J., Takahashi, M., Abbate, A. Piristine, H.C., Su, S., Higa, J., Kawasaki, N., Matsui, T. Guidelines for evaluating myocardial cell death. <i>AJP – Heart and Circulatory Physiology</i> , 317(5):H891-H922, 2019.
222.	Hill, J.A. , When the CAR targets scar, <i>N Engl J Med</i> 381(25):2475-2476, 2019.
223.	Cardoso, A.C., Lam, N.T., Savla, J.J., Nakada, Y., Pereira, A.H.M., Elnwasany, A., Menendez-Montes, I., Ensley, E.L., Bezan Petric, U., Sharma, G., Dean Sherry, A., Malloy, C.R., Khemtong, C., Kinter, M., Tan, W.L.W., Anene-Nzelu, C.G., Foo, R., Nguyen, N.U.N., Li, S., Ahmed, M.S., Elhelaly, W.M., Abdisalaam, S., Asaithamby, A., Xing, C., Kanchwala, M., Vale, G., Eckert, K.M., Mitsche, M.A., McDonald, J.G., Hill, J.A. , Huang, L., Shaul, P.W., Szweda, L.I., Sadek, H.A. Mitochondrial substrate utilization regulates cardiomyocyte cell cycle progression, <i>Nature Metabolism</i> , Feb;2(2):167-178, 2020.
224.	Nhi Nguyen, N.U., Canseco, D., Muralidhar, S.A., Lam, N., Li, S., Nakada, Y., Xiao, F. Savla, J., Hill, J.A. , Zidan, K.A., El-Feky, H.W., Wang, Z., Ahmed, M., Mendez-Montes, I., Ali, S., Moon, J., Villalobos, E., Mohamed, M., Xing, C., Elhelaly, W., Thet, S., Anene, G., Tan, W., Foo, R., Roy, J., Cyert, M.S., Bassel-Duby, R., Olson, E.N., Rothermel, B.A., Sadek, H.A. A calcineurin-Hoxb13 axis regulates the switch from hyperplastic to hypertrophic growth of mammalian cardiomyocytes, <i>Nature</i> , 82(7811):271-276, 2020
225.	Vivar, R.F., Humeres, C., Anfossi, R., Bolivar, S., Catalán, M., Hill, J.A. , Lavandero, S., Díaz, G., Role of FoxO3a as a negative regulator of the cardiac myofibroblast conversion induced by TGF-β1, <i>BBA - Molecular Cell Research</i> , 1867(7):118695, 2020
226.	Ferdous, A., Wang, Z.V., Li, D.L., Luo, X., Schiattarella, G.G., Altamirano, F., May, H.I., Battiprolu, P.K., Nguyen, A., Rothermel, B.A., Lavandero, S., Gillette, T.G., Hill, J.A. FoxO1-dependent signaling axis governs intracellular thyroid hormone homeostasis and pathological cardiac hypertrophy, <i>Nature Communications</i> , In Press
227.	Peña-Oyarzun, D., Rodriguez-Peña, M., Burgos-Bravo, F., Vergara, A., Kretschmar, C., Ramirez-Sarmiento, C.A., de Smedt, H., Reyes, M., Torres, V.A., Morselli, E., Wilson, C.A.M., Hill, J.A. , Lavandero S., Criollo, A. Polycystin-2 induces autophagy by forming a complex with Beclin 1, <i>Autophagy</i> , In Press
228.	Li, S., Uyen Nhi Nguyen, N., Xiao, F., Menendez-Montes, I., Nakada, Y., Lek Wen Ta, W., Foo, R., Hubbi, M., Thet, S., Campos Cardoso, A., Wang, P., Elhelaly, W., Lam, N., Macedo Pereira, A.H., Hill, J.A. , Sadek, H.A., Mechanism of maladaptive eccentric cardiomyocyte hypertrophy in response to severe mitral regurgitation, <i>Circulation</i> , In Press

229.	Schiattarella, G.G., Rodolico, D., Hill, J.A. Metabolic inflammation in heart failure with preserved ejection fraction, <i>Cardiovasc Res</i> , Jul 14:cvaa217, 2020
230.	Klionsky, D.J.,..., Hill, J.A. ,..., Werner Zwerschke (>100 authors). Guidelines for the use and interpretation of assays for monitoring autophagy: 4 th edition, <i>Autophagy</i> 2020, In Press
231.	Kim, S.Y., Zhang, X., Schiattarella, G.G., Altamirano, F., Ramos, T.A.R., French, K.M., Jiang, N., Szweda, P.A., Evers, B.M., May, H.I., Luo, X., Li, H., Szweda, L.I., Maracaja-Coutinho, V., Lavandero, S., Gillette, T.G., Hill, J.A. Epigenetic reader BRD4 governs nucleus-encoded mitochondrial transcriptome to regulate cardiac function, <i>Circulation</i> 142: 2356-2370, 2020.
232.	Chen, G., Xu, C., Gillette, T.G., Huang, T., Huang, P., Li, Q., Li, X., Li, Q., Ning, Y., Tang, R., Huang, C., Xiong, Y., Tian, X., Xu, J., Chang, L., Wei, C., Jin, C., Hill, J.A. , Yang, Y. Cardiomyocyte-derived small extracellular vesicles can signal eNOS activation in cardiac microvascular endothelial cells to protect against ischemia/reperfusion injury. <i>Theranostics</i> 10(25):11754-11777, 2020.
233.	Maslov, P.Z., Hill, J.A. , Lüscher, T.F., Narula, J. High-sugar feeding and increasing cholesterol levels in infants. <i>European Heart Journal</i> , 2020, In Press
234.	Schiattarella, G.G., Altamirano, F., Tong, D., Kim, S.Y., Ferdous, A., Pirstine, H., Dasgupta, S., Wang, X., French, K.M., Villalobos, E., Spurgin, S.B., Waldman, M.H., Jiang, N., May, H.I., Hill, T.M., Zaha, V., Lavandero, S., Gillette, T.G., Hill, J.A. XBP1s-FoxO1 axis governs lipid accumulation and contractile performance in heart failure with preserved ejection fraction, <i>Nature Communications</i> , 2021, In Press
235.	Zhan, S., Gerard, R.D., Hill, J.A. , Rothermel, B.A. Multiple pathways control stability of the calcineurin regulator MCIP1.4/DSCR1.4, submitted, in review.
236.	Russell, J.L., Goetsch, S., Aguilar, H., Coe, H., Luo, X., Liu, N., van Rooij, E., Williams, N., Hill, J.A. , Frantz, D.E., Schneider, J.W. Chemically directing muscle differentiation in adult epicardium-derived cells in vivo through ischemic acidosis-sensing receptors, submitted, in review.
237.	Kreusser, M.H., Zhang, M., Lehmann, L.H., Keranov, S., Kohlhaas, M., Reil, J.-C., Neumann, K., Hagenmueller, M., Riffel, J.H., Hill, J.A. , Dobrev, D., Maack, C., Maier, L.S., Gröne, J.-H., Katus, H.A., Olson, E.N., Hardt, S.E., Backs, J. CaMKII is a mediator of Dvl1-induced adverse cardiac remodeling but an inhibitor of Calcineurin-dependent cardiac hypertrophy, submitted, in review.
238.	Kreusser, M.M., Hill, J.A. , Backs, J. Cardiac CaMKII couples Wnt/Dvl to HDAC4 and controls calcineurin activity, submitted, in review.
239.	Zhu, M., Morris, S.M., Hill, J.A. , Liu, Z.-P. FoxO4 promotes adverse post myocardial infarction left ventricular remodeling by activating Arg1 expression in cardioblasts, submitted, in review
240.	Deng, Y., Wang, Z.V., Gordillo, R., Zhu, Y., An, Y., Wang, M.-Y., Gao, N., Ali, A., Liang, Q., Yoshino, J., Cautivo, K.M., Iyengar, P., Glimcher, L.H., de Brabander, J., Gillette, T.G., Lehrman, M.A., Unger, J.K., Horton, J.D., Hill, J.A. , Klein, S., Scherer, P.E. The adipo-biliary-uridine axis regulates energy homeostasis, submitted, in review.
241.	Fujikawa, T., Choi, Y-H., Donato, J., Kohno, D., Lee, J., Lee, C.E., Battiprolu, P.K., Hill, J.A. , Elias, C.F., Lee, S., Kim, K.W., Elmquist, J.K. PI3K signaling in the ventral medial nucleus of the hypothalamus regulates energy balance and heart function, submitted, in review.

242.	He, J., Quintana, M.T., Sullivan, J., Grevengoed, T., Schisler, J.C., Hill, J.A. , Yates, C., Mapanga, R.F., Essop, M.F., Stansfield, W.E., Bain, J.R., Newgard, C.B., Muehlbauer, M.J., Han, Y., Clarke, B.A., Willis, M.S. MuRF2 regulates PPAR α activity to protect against diabetic cardiomyopathy and enhance weight gain induced by a high fat-induced diet, submitted, in review.
243.	Livingston, M.J., Ding, H.-F., Huang, S., Hill, J.A. , Dong, Z. Persistent activation of autophagy in kidney tubular cells promotes renal interstitial fibrosis during unilateral ureteral obstruction, submitted, in review.
244.	Li, L., Zviti, R., Ha, C., Wang, Z.V., Hill, J.A. , Lin, F. FoxO3 regulates renal epithelial autophagy following obstructive injury, submitted, in review.
245.	Ibarra, C., Beltrán-Rodríguez, A., Fernández-Zafra, T., Varas-Godoy, M., Lin, Y., Larsson, O., Chiong, M., Altamirano, F., Rothermel, B.A., Hill, J.A. , Uhlén, P., Lavandero, S. Nucleus-initiated calcium-induced calcium release in embryonic rat cardiomyocytes, submitted, in review
246.	Xiao, F., Thet, S., Canseco, D.C., Kimura, W., Kohlbrenner, E., Luo, X., Uyen, N., Nguyen, N., Lam, N., Elhelaly, W., Hajjar, R.J., Hill, J.A. , Sadek, H.A., Regulation of cardiomyocyte sarcomere disassembly by α 2 adducin, submitted, in review
247.	Livingston, M.J., Wang, J., Zhou, J., Wu, G., Ganley, I.G., Hill, J.A. , Yin, X.-M., Dong, Z. Clearance of damaged mitochondria via mitophagy is important to the protective effect of ischemic precondition in kidneys, submitted, in review.
248.	Cho, G.W., Xie, M., Kong, Y., Li, D.L., Altamirano, F., Luo, X., Morales, C.R., Jiang, N., Schiattarella, G.G., May, H.I., Medina, J., Shelton, J., Ferdous, A., Gillette, T.G., Hill, J.A. , Activation of autophagic flux bunts cardiac ischemia/reperfusion injury, submitted, in review
249.	Qian, C., Li, H., Cheng, J., Guilbert, A.B., Keskanokwong, T., Hill, J.A. , Wang, Y., Kv4.3 inhibits oxidative CaMKII activation and improves cardiac function in heart failure, submitted, in review
250.	Tong, D., Schiattarella, G.G., Jiang, N., Altamirano, F., Szwedda, P.A., Elnwasany, A., Lee, D.I., Kass, D.A., Szwedda, L.I., Lavandero, S., Gillette, T.G., Hill, J.A. NAD ⁺ repletion reverses heart failure with preserved ejection fraction by attenuating myocardial metabolic dysfunction, submitted, in review
251.	Zhang, Q-J., He, Y., Li, Y., Shen, H., Lin, L., Zhu, M., Wang, Z., Luo, X., Hill, J.A. , Cao, D., McAnally, J., Liao, J., Bajona, P., Zhang, Q., Yu, Y., Liu, Z-P. Matricellular protein Cilp1 promotes myocardial fibrosis in response to myocardial infarction, submitted, in review.
252.	Qian, C., Cheng, J., Guilbert, A., Keskanokwong, T., Hill, J.A. , Wang, Y. Cardioprotection of Kv4.3 on oxidative stress in heart failure, submitted, in review
253.	Luo, Y., Jiang, N., May, H.I., Luo, X., Ferdous, A., Schiattarella, G.G., Chen, G., Li, Q., Li, C., Rothermel, B.A., Jang, D., Lavandero, S., Gillette, T.G., Hill, J.A. Cooperative binding of ETS2 and NFAT link Erk1/2 and calcineurin signaling in the pathogenesis of cardiac hypertrophy, submitted, in review
254.	Ferdous, A., Singh, S., Luo, Y., Abedin, J.M., Jiang, N., Perry, C.E., Evers, B.M., Gillette, T.G., Kyba, M., Trojanowska, M., Hill, J.A. Fli1 promotes vascular morphogenesis by regulating endothelial potential of multipotent myogenic progenitors, submitted, in review
255.	Li, C., Zhang, G., Li, Q., Song, W., Wang, X., Niewold, E., Han, J., Liu, X., Luo, X., Fang, Y., May, H.I., Ferdous, A., Buszczak, M., Guo, X., Deng, Y., Hetz, C., Kaufman, R.J., Cobb, M.H., Zhang, K., Gillette, T.G., Walter, P., Hill, J.A. , Wang,

Z.V., IRE1 α tethers the translation initiation complex to promote protein synthesis, submitted, in review.
--

Reviews, Chapters, Monographs and Editorials

1.	Hill, J.A. and Strauss, H.C.: Characterizing cardiac ion channels using the bilayer reconstitution technique.” In: Brugada, P. and Wellens, H.J.J., Eds., <i>Cardiac Arrhythmias: Where to Go from Here?</i> Mount Kisco, NY, Futura Publishing Co., 1987, pp. 779-801.
2.	Strauss, H.C., Yee, R., Hill, J.A. , and Wenger, T.L.: Mechanisms of reperfusion arrhythmias. In: Rosen, M.R. and Palti, Y., Eds., <i>Lethal Arrhythmias Resulting from Myocardial Ischemia and Infarction</i> . Boston, Kluwer Academic Publishers, 1988, pp. 55-73.
3.	Changeux, J-P., Babinet, C., Bessereau, J-L., Bessis, A., Cartaud, A., Daubas, P., Devillers-Thiery, A., Duclert, A., Hill, J.A. , Jasmin, B., Klarsfeld, A., Laufer, R., Nghiễm, H-O., Piette, J., Roa, M., and Salmon, A.M.: Compartmentalization of acetylcholine receptor gene expression during development of the neuromuscular junction. In: Cold Spring Harbor Symposium on Quantitative Biology, No. 55, <i>The Brain</i> , Cold Spring Harbor Press, 1990, pp. 381-396.
4.	Nghiễm, H-O., Hill, J.A. , and Changeux, J-P.: The <i>Torpedo marmorata</i> electrocyte: Developmental changes in the subcellular distribution of 43K (v1) protein suggest a role for 43K protein in the stabilization of acetylcholine receptors. In: <i>The Living Cell in Four Dimensions</i> . American Institute of Physics, 1991, pp. 416-427.
5.	Zhu, H., Rothermel, B.A., Hill, J.A. : Autophagy in load-induced heart disease. In: Klionsky, D.J. Ed., <i>Methods in Enzymology: Autophagy</i> . Philadelphia, Elsevier, 2009, 453:343-363.
6.	Tannous, P., Rothermel, B.A., Hill, J.A. : Protein quality control in heart disease: Small heat shock proteins and autophagy, 2010.
7.	Gondalia, R.B., Rothermel, B.A., Lavandero, S., Gillette, T.G., Hill, J.A. Cardiac plasticity in health and disease. In: Willis, M and Patterson, C. Eds. <i>Molecular and Translational Cardiology</i> 2011.
8.	Wang, Y., Hill, J.A. , Ionic fluxes and genesis of the cardiac action potential. In: Hill, J.A. and Olson, E.N. <i>Muscle: Fundamental Biology and Mechanisms of Diseases</i> , Elsevier/Academic, Amsterdam, 2012.
9.	Hill, J.A. , Lavandero, S., Rothermel, B.A., Autophagy in cardiac physiology and disease In: Hill, J.A. and Olson, E.N. <i>Muscle: Fundamental Biology and Mechanisms of Diseases</i> , Elsevier/Academic, Amsterdam, 2012.
10.	Frey, N., Olson, E.N., Hill, J.A. , Molecular mechanisms of stress-induced heart disease. In: Hill, J.A. and Olson, E.N. <i>Muscle: Fundamental Biology and Mechanisms of Diseases</i> , Elsevier/Academic, Amsterdam, 2012.
11.	Hill, J.A. , Olson, E.N. Introduction to Muscle. In: Hill, J.A. and Olson, E.N. <i>Muscle: Fundamental Biology and Mechanisms of Diseases</i> , Elsevier/Academic, Amsterdam, 2012.
12.	Troncoso, R., Vásquez-Trincado, C., del Campo, A., Gatica, D., Morales, P., Paredes, F., Garcia, L., Díaz-Araya, G., Pedrozo, Z., Nemchenko, A., Ferdous, A., Battiprolu, P.K., Gillette, T.G., Hill, J.A. , Lavandero, S. Regulation of autophagy by insulin/IGF-1 signaling pathways. In: <i>Autophagy: Principles, Regulation and Roles in Disease</i> , Nova, 2012.
13.	Diwan, A., Hill, J.A. , Force, T.L., Molecular basis for heart failure. In: <i>Heart Failure: A Companion to Braunwald's Heart Disease</i> , Elsevier, 2013.

14.	Battiprolu, P.K., Wang, Z.V., Hill, J.A. Diabetic cardiomyopathy: Mediators and mechanisms. In: Diabetes in Cardiovascular Disease: A Companion to Braunwald's Heart Disease, Elsevier, 2014.
15.	Xie, M, Hill, J.A. Cardiac Autophagy and its Regulation by Reversible Protein Acetylation. In: Epigenetics in Cardiac Disease, Springer, 2016.
16.	Diwan, A. and Hill, J.A. Molecular basis for heart failure. In: Heart Failure: A Companion to Braunwald's Heart Disease, Elsevier, 2018.

Books/Textbooks

1.	<i>Muscle: Fundamental Biology and Mechanisms of Disease</i> Editors: Joseph A. Hill and Eric N. Olson 2012, Elsevier/Academic Press, Amsterdam (≈1,500 pages)
----	--

Case Reports

1.	Palen, B., Stanford, W., Fagan, T., Hill, J.A. Atypical chest pain and atypical coronary artery disease. Am J Cardiol 92:120,2003.
----	---

Patents

- | | |
|----|--|
| 1. | Mouse model for the study of heart failure with preserved ejection fraction, application in process 2016 |
|----|--|