

2006 - 16 American Board of Internal Medicine, *Internal Medicine Recertification*

SPECIALTY BOARDS/CERTIFICATION

1998 - 2008 American Board of Internal Medicine, *Cardiovascular Medicine*
2004 United Network for Organ Sharing (UNOS) certified transplant cardiologist
2006 Nuclear Physics Certification (200 hours), St. Elizabeth Hospital, Boston
2006 - 2016 Certification Board of Nuclear Cardiology. *Diplomate, Nuclear Cardiology*
2006 Cardiac Computed Tomography Level III Training
2008 - 2019 American Board of Internal Medicine *Cardiovascular Medicine Recertification*
2010 - 2019 American Board of Internal Medicine. *Advanced Heart Failure and Cardiac Transplantation*
2014 Executive Residency–Business and Health Care Policy-The Washington Campus
2019 - American Board of Internal Medicine *Cardiovascular Medicine Recertification*
2019 - American Board of Internal Medicine. *Advanced Heart Failure and Cardiac Transplantation*

PROFESSIONAL AFFILIATIONS

1. Fellow, American Heart Association
2. Fellow, American College of Cardiology
3. Fellow, European Society of Cardiology
4. Fellow, Heart Failure Society of America
5. Fellow, Heart Failure Association of the European Society of Cardiology
6. Fellow, American College of Physicians

LICENSURE

1994–98 Connecticut
1999-05 Tennessee
2005-06 Massachusetts
2006 - Georgia
2014 - New York
2018- Mississippi

EDUCATION

7/82 – 6/84 HSC, Adamjee Science College, Karachi, Pakistan "
7/85 - 11/90 MBBS (*Bachelor of Medicine, Bachelor of Surgery*), Aga Khan University, Karachi, "
Pakistan
7/96 - 12/98 MPH (*Master of Public Health*), Harvard School of Public Health, Boston MA
7/13 – 4/15 MBA (*Master’s in Business Administration*), Emory University Goizueta Business School, Atlanta GA

POST-GRADUATE TRAINING

7/91 - 6/94 *Intern/Resident, Internal Medicine/Primary Care*, Yale University, New Haven CT
7/94 - 6/95 *Chief Resident, Internal Medicine/Primary Care*, Yale University, New Haven CT
7/95 - 6/97 *Fellowship, Cardiovascular Disease*, Vanderbilt University, Nashville TN
7/97 – 6/98 *Fellowship, Heart Failure and Transplant*, Vanderbilt University, Nashville TN
7/05 – 6/06 *Fellowship, Cardiac Imaging*, Radiology Department, Massachusetts General Hospital, Harvard University, Boston MA

MEDIA TRAINING

2011 Professional media training, AHA officers and board members

LEADERSHIP TRAINING

2010 Woodruff Leadership Academy, Emory University

Selection to the Woodruff Leadership Academy is based on leadership potential, triumphs, and an enthusiastic, ambassador personality. Each year 20 individuals from various disciplines are chosen. Training is focused on developing strategic thinking and interpersonal skills needed for effective leadership. Faculty includes nationally renowned leaders from various industries, faculty from the Goizueta School of Business Executive, and senior leadership from Woodruff Health Sciences Center and from the various schools within Emory. In addition to faculty, invited experts and accomplished leaders from various fields provide insight and strong leadership perspectives. Mandatory classes are combined with team project requiring outside-of-class group work focused on teamwork approach to problem solving, planning, and operational implementation.

PROFESSIONAL SERVICE

American Heart Association

1. " Get With The Guidelines: Heart Failure Clinical Work Group
2. " Registry and Quality Improvement: Mission Lifeline: STEMI systems of care quality improvement initiative. Involved in various capacities for the GWTG program for Coronary Disease, Heart Failure, and Stroke. Development team member, GWTG Outpatient, in collaboration with the ACS and ADA and electronic health record vendors
3. " Databases: Science Staff Member, Executive Database Steering Committee
4. " Scientific Session: Staff member on Committee for Scientific Session Planning for the AHA Annual Scientific Sessions. Annual participation in various activities for the Annual Scientific Session, Quality of Care and Outcomes Research Meeting, and Epidemiology/Nutrition, Physical Activity and Metabolism Meeting
5. " Worksite Wellness Program: Science staff, Workplace Wellness Initiative
6. " Informatics/Health IT: Member, Health Information Technology and Electronic Health Records Initiative group to provide feedback to the Government regarding adoptions, standards, and development of EHR
7. " Sodium: Science advisor on optimal daily sodium intake recommendation, an AHA initiative in conjunction with the CDC report on salt intake
8. " Smoking: Science reviewer for the effect of second hand smoke and public smoking bans on CV risk – an AHA initiative in conjunction with the IOM
9. " Partnership for Health Prevention: AHA representative to the Partnership for Health Prevention (PHP), a joint group formed by the AHA, ACS and ADA.
10. Obesity: Staff member, Childhood Obesity Program of the AHA with the William J. Clinton Foundation
11. "Food/Nutrition: Staff scientist, FreshFit food certification program with Subway Inc
12. Media: Science review for all AHA conferences news media releases including, a) Annual Scientific Session, b) Quality of Care and Outcomes Research Meeting, c) Epidemiology/Nutrition, Physical Activity and Metabolism, d) International Stroke Conference, e) High Blood Pressure Research Conference, and f) Arteriosclerosis, Thrombosis, Vascular Biology
13. RTI: Science staff, 20-year cardiovascular disease prevalence and cost projection.
14. Research Committee: Science staff on AHA research committee.

American College of Cardiology

1. " Member, Clinical Pathways – Heart Failure Committee, 2016
2. " Member, Heart Failure Guidelines Update Committee 2015
3. " Member, Acute Heart Failure Working Group, 2014
4. " Member, Taskforce for Standardizing Definitions for Diagnosis and Management of HF 2013
5. " Member, Heart Failure Guidelines Committee 2011-2012
6. " American College of Cardiology Self-Assessment Program 8, Chapter on Heart Failure Risk, Prognosis Determination, and Quality of Life 2010
7. " Member, Heart Failure and Transplant Committee 2007-09
8. " Member: Heart Failure Guidelines Implementation Working Group 2007-08
9. " ACC Reviewer
 - a. " Guidelines for the Diagnosis and Management of Heart Failure in Adults. 2009
 - b. " ACC/SCAI/STS/AHA /ASNC, 2009 Appropriateness Criteria for Coronary Revascularization 2008
 - c. " Hypertension 2009
10. Scientific Abstract Reviewer, 2002-

Department of Health and Human Services

1. " Stakeholder Committee, Developing Evidence to Inform Decisions about Effectiveness (DEcIDE) Cardiovascular Consortium, Agency for Healthcare Research and Quality, 2010, 2011, 2012

Heart Failure Society of America

1. " Co-Chair, 2020HFSA Scientific Program
2. " Member, Development Committee, 2016-
3. " Member, Annual Scientific Program Committee, 2014-2016
4. " Member, Board of Directors, 2012-2016
5. " Faculty, Heart Failure Board Review Course, 2011, 2012, 2014
6. " Faculty, Annual Faculty Mentorship Session, 2012, 2013
7. " Member, Guidelines Committee, 2010
8. " HFSA representative - rating panel for the ACC Appropriateness Criteria for Imaging in HF 2010
9. " Section Head for the Heart Failure Board Review Course for the inaugural Heart Failure Board Examination offered by the American Board of Internal Medicine (2010)
10. Member: Advocacy Committee, 2009
11. "Participant, Future Planning retreat, 2007
12. Scientific Abstract Reviewer, 2002-16

National Institutes of Health

1. " Chair, NIH Heart Failure Network Ancillary Studies Committee 2013-2018
2. " NHLBI pilot trial study section, 2016
3. " NHLBI AIDS Working Group: Advancing HIV/AIDS Research in Heart, Lung, and Blood Diseases, 2015
4. " NHLBI Heart Failure in HIV patients working group, 2015
5. " NHLBI clinical trial study section, 2015
6. " NHLBI Working Group: Designing Clinical Studies to Evaluate the Role of Nutrition and Diet in Heart Failure Management, 2013
7. " NIH Heart Failure Clinical Trials Network – Biomarker Study Committee 2012-14
8. " HIV and AIDS study section, 2012, 2014, 2015
9. " NHLBI AIDS Working Group: Advancing HIV/AIDS Research in Heart, Lung, and Blood Diseases, 2012

10. Member, Ancillary Studies Review Section, 2012
11. "Grant Reviewer, Special Emphasis Panel
 - a. " Hemodialysis and Markers of Heart Failure, Center for Scientific Review, December 2011
 - b. " Brain Disorders and Clinical Neuroscience, Center for Scientific Review, June 2011
 - c. " Mechanistic Cardiac Function Study Group, Center for Scientific Review, October 2009
12. Grant Reviewer, Center for Scientific Review, Challenge Grants, July 2009
13. Cardiovascular Phenotype Working Group, Health ABC Study, 2009-15
14. Working Group on Future Research Opportunities in Women's Health Initiative: July 2008

Veterans Administration

1. " Member, National Veterans Affairs Thoracic Organ Transplant Board, 2001-05
2. " Chair, Clinical Management National Workgroup on Left Ventricular Assist Devices, 2003-05
3. " Member, Purchase Committee, Nashville VAMC, 2001-2003

Others

1. " Member, Association of University Cardiologists (AUC) 2015-
2. " Member, Board of Directors, National Forum 2015-2018
3. " Member, Econometrica Task Force on Evaluation of Affordable Care Act, 2013
4. " Duke Clinical Research Institute/Agency for HealthCare Research and Quality: Stakeholder member, AHRQ/DCRI Evidence Based Practice Center Cardiovascular Group
 - a. " Technical Expert Panel:
 - i. Atrial Fibrillation, 2011
 - ii. " Stroke Prevention, 2011
 - iii. " ACEIs & ARBs for Treating Essential Hypertension
 - b. " Topic Refinement: Noninvasive Technologies for the Diagnosis of Coronary Artery Disease in Women. 2010
 - c. " Value of Information Approaches in Research Prioritization: ACE inhibitors versus Angiotensin Receptor Blocker Use in Ischemic Heart Disease. 2010
 - d. " Topic Refinement: Treatment of Women with Coronary Artery Disease. 2010
5. " Reviewer, Grants for the American Association for the Advancement of Science, New York, NY, 2007-2009
6. " Member, Faculty of 1000 – Medicine, 2008-09
7. " Member, Transplant Outcomes and Research Group, 1999-00
8. " Scientific Session Committee - Connecticut Chapter of the ACP, 1994-95

REGIONAL AND STATE

1. " Member, Cardiovascular Steering Committee, TennCare Centers of Excellence, Tennessee, 2002
2. " Member, Get With The Guidelines Committee – Tennessee Chapter - AHA, 2000-02
3. " Tennessee representative, Heart Failure PRO Intervention Enhancement (CHF-PIE) Project – Centers for Medicare and Medicaid Services (CMS), 1999-01
4. " Tennessee Clinical Representative in CMS 6th and 7th Scope of Work Quality Improvement Initiatives, 1999-2001 "
 - National Heart Failure Project "
 - National Myocardial Infarction Project "
 - National Stroke and Atrial Fibrillation Project "

INSTITUTIONAL SERVICE

University of Mississippi Medical Center (Insitutional outside of the Department of Medicine)

1. " Medical Executive Committee
2. " Administrative Advisory Council
3. " Council of Clinical Chairs
4. " Leadership Rounds
5. " Several Search Committees
6. " Mississippi Center for Clinical and Translational Research Advisory Board
7. " Clinical Cabinet
8. " Specialty Pharmacy Executive Committee
9. " Cancer Center Board

Stony Brook University

1. " Stony Brook Hospital Medical Board – 2016
2. " Stony Brook Physician Engagement Committee – 2016
3. " Member, Search Committee for Chief Nursing Officer, 2016
4. " Chair, Search Committee - Director of the Cardiac and Thoracic Surgery Division – 2015
5. " Department of Medicine Pilot Grants Review Committee
6. " Department of Medicine Research Committee
7. " Delivery System Reform Incentive Payment Program –Suffolk County Hypertension Project

Emory University

1. Department of Medicine “Fostering Academic Mission at Emory” (FAME) Task Force 2008
2. Department of Medicine Awards Sub-Committee 2007- 2009
7. " Cardiology Section Head, Emory Internal Medicine Board Review Course 2007-2010
8. " Cardiology lead for Electronic Medical Record (EeMR) development and implementation for the Heart Failure and Transplant program 2007-2009
9. " Atlanta Clinical & Translational Science Institute Scientific Advisory Committee 2009-15
10. Member, Clinical Informatics Council 2009-2010
11. "Faculty Development Committee, Department of Medicine, 2010-11
12. Member, Advisory Committee, Center of Research Excellence in Pediatric Cardiology, 2010
13. Member, Cardiology Division Research Strategic Advisory Committee, 2010
14. Member, Clinical Research Advisory Committee, 2011
15. Faculty Councilor to the Investment Committee of the Emory University Board of Trustees, 2012-
16. "Director, Cardiology Division Faculty Mentoring Program, 2011-

Harvard University

1. " Reviewer, Grants and Applications for the Center for Medicine and Innovative Technology (CIMIT), Harvard Medical School and Massachusetts Institutes of Technology, 2006-2009

Vanderbilt University

1. " Course Director, Grand Rounds, Cardiology Division, 2003-05
2. " Cardiology representative, hospital Computerized Physician Order Entry (CPOE) system implementation committee, 2002-05
3. " Cardiology representative, Guidelines and Pathways Implementation committee, 2003-05
4. " Cardiology representative for hospital myocardial infarction and heart failure quality improvement initiative for JACHO and CMS measures, 2001-2004
5. " Director, Mortality and Morbidity, Cardiology Division, 2002-03
6. " Member, Medical Advisory Committee, Vanderbilt Health Plan, 2001- 04

7. " Cardiovascular Care Committee, Meharry-Vanderbilt Alliance, 2001-02
8. " Institutional Review Board , 1999-2001
9. " Purchase Committee – Nashville VAMC, 2000- 02
10. Task Force on Cost Containment, Department of Medicine, Vanderbilt University, 2000
11. "Lead physician, Physician Initiated Quality Improvement Project: Role of Opinion Leaders in Outpatient Quality Improvement for Heart Failure, Tennessee Peer Review Organization, 1999-01
12. Heart Failure Physician Leader, Institute for Healthcare Improvement Collaborative on Improving End of Life Care, Vanderbilt University Medical Center, 1999

Yale University

1. " Residency Review Committee, Department of Medicine, Yale University, 1993-95
2. " Internship Selection Committee, Department of Medicine, Yale University, 1993-95

MEDICAL JOURNAL AFFILIATIONS

Associate Editor

- 2020 - European Heart Journal – Clinical Trials Section
- 2014 - European Journal of Heart Failure
- 2012 - 2014 Current Heart Failure Reports
- 2008 - 2014 Journal of Cardiac Failure
- 2009 - 2012 Congestive Heart Failure

Editorial Board

- 2016- Circulation
- 2015 – Section Editor – Heart Failure - Journal of the American College of Cardiology
- 2008 - Circulation Cardiovascular Quality and Outcomes
- 2008 - American Heart Journal
- 2006 - 2008 Journal of Cardiac Failure
- 2005 - 2009 Congestive Heart Failure
- 2003 - 2012 Journal of the American College of Cardiology

Consulting Editor

- 2012 – Journal of the American College of Cardiology – Heart Failure
- 2012 - 2016 Heart Failure Clinics

GUEST EDITOR

- American Heart Journal
- Circulation
- Journal of the American College of Cardiology

Manuscript Reviewer

American Heart Journal, American Journal of Cardiology, American Journal of Kidney Diseases, American Journal of Managed Care, American Journal of Medical Sciences, American Journal of Medicine, American Journal of Transplantation, Annals of Internal Medicine, Annals of Psychosomatic Research, Annals of Thoracic Surgery, Canadian Medical Association Journal, Cardiovascular Engineering and Technology, Circulation, Circulation: Heart Failure, Circulation: Cardiovascular Quality and Outcomes, Circulation: Cardiovascular Imaging, Clinical Cardiology, Congestive Heart Failure, Coronary Artery Disease, Current Cardiology Reviews, European Heart

Journal, European Journal of Heart Failure, Expert Review of Cardiovascular Therapy, Expert Review of Medical Devices, Heart, Heart Failure Reviews, International Journal of Cardiology, Johns Hopkins Advanced Studies in Medicine, Journal of the American Board of Family Medicine, Journal of the American College of Cardiology – JACC, Journal of the American College of Cardiology – Cardiovascular Imaging, Journal of the American Medical Association – JAMA, Journal of the American Medical Association - JAMA Cardiology, Journal of Cardiac Failure, Journal of Cardiovascular Medicine, Journal of Gerontology, Journal of Heart and Lung Transplantation, Nephrology and Hypertension, New England Journal of Medicine, Psychosomatic Medicine

HONORS AND AWARDS

1. " Keynote Speaker, Northwestern University Annual Heart Failure Symposium, 2016
2. " Fellow – Heart Failure Association of European Society of Cardiology, 2016
3. " Fellow - Heart Failure Society of America, 2016
4. " Keynote Speaker, Bridgeport Hospital Annual Seminar, Yale University affiliate, 2015
5. " Fellow – European Society of Cardiology, 2014
6. " Judge, American College of Cardiology Annual Young Investigator Award Competition, 2014
7. " Keynote Speaker: Emory Residents Research Day, 2014
8. " Keynote Speaker: Aga Khan University Post Graduate Medical Education Ceremony, 2013
9. " Excellent in Clinical Trials Performance, NIH Heart Failure Network, 2012
10. Time Feeling and Focus Award, American Heart Association, 2010
11. "Top Doctors in Atlanta: Cardiovascular Diseases – Atlanta Magazine 2009, 2010, 2011, 2012
12. Simon Dack Award - American College of Cardiology 2009
13. Fellow – American Heart Association, 2007
14. "Elite Reviewer, Journal of the American College of Cardiology, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013
15. Included in “Best Doctors in America” 2005-2010
16. "Fellow – American College of Cardiology, 2000
17. Fellow – Society of Geriatric Cardiology, 2000
18. Roche/CTRD Young Investigator Award, 1999
19. First prize, Research Presentation, American College of Physicians, 1993
20. Cited in various different Who's Who since 1994 onward
21. Begum Zia-ul-Haq Scholarship, Aga Khan University 1989

SOCIETY MEMBERSHIPS

1. " American College of Cardiology
2. " American Heart Association
3. " American College of Physicians/American Society of Internal Medicine
4. " Heart Failure Society of America
5. ! European Society of Cardiology
6. " International Society of Heart and Lung Transplant 1998 – 2005
7. " National Healthcare Cost and Quality Association 1999-2000
8. " Society of Cardiovascular Computed Tomography 2006 – 2008
9. " Society of Geriatric Cardiology 2000 – 2004

ORGANIZATION OF CONFERENCES

Administrative positions

1. " Program Committee, Heart Failure Society of America Annual Scientific Session 2014-16

2. " Program Committee, American Heart Association Annual Scientific Session 2013
3. " Member, Organizing Committee, World Congress on Heart Disease 2007
4. " Co-Director, Heart Failure Board Review Course, 2010
5. " Eat Healthy, Live Healthy, Lets Walk – A Healthier Chicago. Department of Health and Human Services, 2011

Session as Chair/Moderator/Discussant

Over 50 sessions in various national and international meetings

FORMAL TEACHING

Medical Student Teaching

University of Mississippi Medical Center

2018- Medical student lectures – students rotating through the Department of Medicine

Stony Brook University

2014-17 Medical student lectures – students rotating through Cardiology

Emory University

2007 Sophomore Elective Course

Vanderbilt University

2004-05 Transplantation Course, 4th year medical student
 2004-05 Cardiovascular Core Curriculum Lecture Series, 4th year medical student
 1999-01 Physiology course, 1st year medical student
 1999-01 Laboratory diagnosis course, 2nd year medical students
 1999-02 Clinical pharmacology course, 2nd year medical students
 1996-00 Preventive medicine course, 4th year medical students

Yale University

1994-95 Physical Diagnosis Rounds, 3rd and 4th year medical students
 1994-95 ECG reading, 3rd and 4th year medical students

Graduate Program

2003-05 Meharry-Vanderbilt Pharmacology Course
 2004-05 Lecturer, Vanderbilt Nursing School

Training programs

Participated in numerous (>200) local and national programs over the last decade as a speaker related to training of cardiologists, primary care physicians, and nurses.

Residency/Fellowship program

University of Mississippi Medical Center

2018- Resident noon conferences
 2018- Medicine and sub-specialty grand rounds

Stony Brook University

2015 - Cardiology Fellows morning conference lectures – four times a year

2015 - Medical student and resident teaching round during in-patient service
2015- Cardiology Journal Club - montly

Emory University

2006- Medical student and resident teaching round daily during in-patient service
2006- Resident core curriculum lectures – once a year
2006- Cardiology Fellows morning conference lectures – once a year
2006- Monday/Friday morning clinical conferences – twice a year
2007- Cardiology Fellows Journal Club – once a year

Vanderbilt University

2001-05 Ambulatory Clerkship Curriculum for Residents
2001-05 Cardiology Boot Camp Lecturer, Cardiology Fellow
1999-05 Medical student and resident teaching round for 2-4 hr. daily during in-patient service
1999-05 Clinic supervision for medical students and residents during outpatient clinics
1999-05 Formal weekly case discussion on “interesting” cases during in-patient service

LECTURES, INVITED SEMINARS, VISITING PROFESSORSHIPS

Over 200 national and international lectures presented in scientific sessions, Universities, or other forum

CLINICAL TRIALS, REGISTRIES, MULTI-CENTER STUDIES

Consultant

Ad hoc consultant for clinical trials or registry protocol development for Alere, Abbott, Amgen, Bayer, BG Medicine, Bristol Myers Squibb, Boehringer Ingelheim, Cardiocell, Celladon, CardioMEMS, Covis, Cuoralia, CVRx, Gambro, GE Healthcare, Gilead, Harvest Technologies, Janssen, Johnson and Johnson, Juventas, Luitpold, Medpace, Medtronic, Merck, Novartis, Ono Pharma, Otsuka, PharmaIn, Reate, Relypsa, SC Pharma, Stealthpeptide, Stemedica, Trevena, Takeda, Vifor Pharma, Zensun, ZS Pharma

Data Safety Monitoring Board

Chair

1. " STRONG HF - Safety, Tolerability and Efficacy of Rapid Optimization, Helped by NT-proBNP and GDF-15, of Heart Failure Therapies
Roche Diagnostics 2017-
2. " NOVEL-HF - Neuregulin-1 Effect On Survival And Hospitalizations In Chronic Systolic Heart Failure
Zensun Pharmaceutical - 2013-15
3. " CARE-Hep C - Longitudinal Assessment of Cardiovascular and Renal Health in Patients with Hepatitis-C
Bristol Myer Squib - 2013-2017

Member

1. " SCAN-MP - Screening for Cardiac Amyloidosis with Nuclear imaging in Minority Populations
NIH 2019-
2. " ARRAY 797-301 - A Phase 3, Multinational, Randomized, Placebo-Controlled Study of ARRY-371797 in Patients with Symptomatic Genetic Dilated Cardiomyopathy Due to a Lamin A/C Gene Mutation

- Array Pharmaceuticals 2017-
3. " RELIEVE-HF - Reducing Lung Congestion Symptoms Using the V-wave Shunt in Advanced Heart Failure
 4. " Cardiovascular Research Foundation 2017-
 5. " METEORIC HF - A Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Effect of Omecamtiv Mecarbil on Exercise Capacity in Subjects with Heart Failure with Reduced Ejection Fraction and Decreased Exercise Tolerance
AMGEN 2017-
 6. " STAND-UP HF - A Randomized, Double-Blinded, Placebo-Controlled, Single and Multiple Ascending Dose Study to Evaluate the Safety, Tolerability, Pharmacokinetics and Pharmacodynamics of BMS-986224 in Healthy Subjects and Chronic Heart Failure Patients With Reduced Ejection Fraction
Bristol Myers Squibb 2017-
 7. " GALACTIC-HF - A Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Efficacy and Safety of Omecamtiv Mecarbil on Mortality and Morbidity in Subjects with Chronic HFrEF
AMGEN-Cytokinetics 2016-
 8. " HNO Donor Cardioxyl Phase II Dose Ranging Study BMS 986231 and 986232
Bristol Myers Squibb 2016 -
 9. " Myosin Activation to Increase Contractility in Heart Failure Trial in Japan
AMGEN 2016-
 10. REDUCE LAP-HF - A Study To Evaluate The Corvia Medical, Inc. IASD® System II To REDUCE Elevated Left Atrial Pressure In Patients With Heart Failure
CORVIA 2015-2016
 11. "COSMIC HF - Chronic Oral Study Of Myosin Activation To Increase Contractility In Heart Failure Trial AMGEN 2013- 15
 12. A Phase 2, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of AMG 334 in Chronic Migraine Prevention
Amgen 2014 - 16

Steering Committee / Executive Committee

Chair

1. " DIAMOND HF - A Multicenter, Double-Blind, Placebo Controlled, Randomized Withdrawal, Parallel Group Study Of Patiromer For The Management Of Hyperkalemia In Subjects Receiving Renin Angiotensin-Aldosterone System Inhibitor (RAASI) Medications For The Treatment Of Heart Failure
Vifor Pharma - 2019
2. " ALLEVIATE HF - Algorithm Using LINQ Sensors For Evaluation And Treatment Of Heart Failure
Medtronic - 2019
3. " EMPEROR Preserved - Empagliflozin Outcome Trial In Patients With Chronic Heart Failure With Preserved Ejection Fraction
Boehringer Ingelheim - 2017
4. " CHART HF - Diastolic Dysfunction in Human Immunodeficiency Virus Infection
NHLBI - 2016-18
5. " ATHENA-HF - Aldosterone Targeted NeuroHormonal CombinEd with Natriuresis TherApy – HF
NIH - 2014-17
6. " PROHIBIT Sodium - Prevent Adverse Outcomes In Heart Failure By Limiting Sodium Trial
NHLBI - 2014-17

7. " STEM-104-M-CHF - A phase IIa, single-blind, placebo-controlled, crossover, multi-center, randomized study to assess the safety, tolerability, and preliminary efficacy of a single intravenous dose of ischemia-tolerant allogeneic mesenchymal bone marrow cells to subjects with heart failure of non-ischemic etiology
Cardiocell - 2013-16

Member

1. " ANTHEM-HFrEF Pivotal Study - Autonomic Regulation Therapy To Enhance Myocardial Function And Reduce Progression Of Heart Failure With Reduced Ejection Fraction
LivaNova 2017-
2. " Trientine -A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Effects of INL1 in Patients with Heart Failure and Reduced Ejection Fraction
InnoLife 2017-
3. " Adrenomedulin Guided Acute Heart Failure Therapy
Adrenomed 2017-
4. " ADOPT-HF - Asian Diabetes Outcomes Prevention Trial
Singapore Government 2017-
5. " REALISM HF - Real Life Monitoring In Patients With Heart Failure: A Pilot Study Evaluating Continuous Remote Monitoring Of Mobility And Patient Reported Outcomes As Potential Digital Endpoints In Future Heart Failure Trials
Bayer 2017
6. " CHAMP HF - Change the Management of Heart Failure
Novartis 2017-
7. " VITALITY-HFpEF - A Randomized Parallel-Group, Placebo-Controlled, Double-Blind, Multi-Center Trial To Evaluate The Efficacy And Safety Of The Oral Sgc Stimulator Vericiguat To Improve Physical Functioning In Activities Of Daily Living In Patients With Heart Failure And Preserved Ejection Fraction
Bayer-Merck 2017-
8. " EMPEROR Reduced - Empagliflozin Outcome Trial In Patients With Chronic Heart Failure With Reduced Ejection Fraction
Boehringer Ingelheim 2017-
9. " HEART-FID - Rationale and Design of the Randomized, Double-Blind, Placebo-Controlled Trial of Ferric Carboxymaltose as Treatment for Heart Failure with Iron Deficiency
Luitpold 2017-
10. INTERVENE HF - Integrated Diagnostics Driven Diuretic and Chronic Medication Management for Heart Failure
Medtronic 2017-
11. "CONNECT HF - Care Optimization Through Patient And Hospital Engagement Clinical Trial For Heart Failure
Novartis 2017-
12. PANTHOEN - A Multicenter, Randomized, Parallel Group, Double Blind, Dose-Finding Phase II Trial To Study The Efficacy, Safety, Pharmacokinetic And Pharmacodynamic Effects Of The Oral Partial Adenosine A1 Receptor Agonist BAY 1067197 Over 20 Weeks In Patients With Chronic Heart Failure With Reduced Ejection Fraction
Bayer 2017-
13. PROVE HF - Entresto (sacubitril and valsartan) and Cardiovascular Outcomes, Remodeling, and Biomarkers in Heart Failure
Novartis 2015

14. IDDEA HF - A Phase 2 Open-Label Study to Evaluate the Effects of Multiple 2 hour Intravenous Infusions of MTP-131 in Subjects with Stable Heart Failure Due to Reduced Ejection Fraction
StealthPeptide 2017-
15. FERIC-RO - FIER deficit in Insuficienta Cardiaca in Romania. Observational Registry of Anemia in Heart Failure
Vifor Pharma 2017-
16. "A Randomized, Double-Blind, Placebo-Controlled Trial To Investigate The Safety And Efficacy Of BC007 In Patients With Beta-1-Adrenoceptor Autoantibodies And Chronic Heart Failure With Reduced Ejection Fraction
Berlin Cures 2017-
17. Safety And Efficacy For Ambulatory Use Of SQ Furosemide Delivery System In A Clinical Setting Of Heart Failure
SC Pharma 2017-
18. VICTORIA - A Randomized Parallel-Group, Placebo-Controlled, Double-Blind, Event-Driven, Multi-Center Pivotal Phase III Clinical Outcome Trial Of Efficacy And Safety Of The Oral Sgc Stimulator Vericiguat (BAY 1021189) In Patients With HF And Reduced Ejection Fraction (HFREF) - Vericiguat Global Study In Patients With Heart Failure And Reduced Ejection Fraction
Bayer-Merck 2016-
19. LIFE HF - Valsartan Sacubitril (LCZ696) In Hospitalized Advanced Heart Failure
NHLBI, 2016
20. INDIE HF - Inorganic Nitrite Delivery to Improve Exercise Capacity in Heart Failure with Preserved Ejection Fraction
NHLBI 2016
21. A Phase IIa Study of the Effect of Continuous 42-Hour Intravenous Infusions of CXL-1427 on Hospitalization Parameters and Functional Status in Patients with Systolic Heart Failure Admitted to Observation
Cardioxyl 2015
22. Global Hyperkalemia Council
Relypa 2015-
23. PARSIFAL - A Double Blinded, Placebo Controlled, Study to Investigate the Safety, Tolerability, Pharmacokinetics and Acute Cardiovascular Responses of a 7 Day Oral Treatment With the Partial Adenosine A1 Receptor Agonist BAY1067197 in Patients With Chronic Systolic Heart Failure. Multiple Dose Study in Heart Failure of BAY 1067197
Bayer 2014-16
24. IRONOUT - Oral Iron Repletion Effects On Oxygen Uptake in Heart Failure
NHLBI 2014
25. PRESERVE - Promotion of Renal Sodium Excretion by Renal Sympathetic Denervation in Congestive Heart Failure
NIH 2013
26. FIGHT - Functional Impact of GLP-1 for Heart Failure Treatment
NIH 2013
27. SOCRATES Reduced - Soluble Guanylate Cyclase stimulator heart failure studies in heart failure with reduced EF
Bayer 2013
28. SOCRATES Preserved - Soluble Guanylate Cyclase stimulator heart failure studies in heart failure with preserved EF
Bayer 2013

29. BLAST AHF - A Study to Explore the Efficacy of TRV027 in Patients Hospitalized for Acute Decompensated Heart Failure
Trevena 2012
30. CUPID II - Efficacy and Safety Study of Genetically Targeted Enzyme Replacement Therapy for Advanced Heart Failure
Celladon 2012-2015
31. REGAL-HF - Reduction in events with Galactin-3 and Aldosterone Blockade in acute heart failure
BG Pharma 2012-14
32. ROSE-HF - Renal Optimization Strategies Evaluation In Acute Heart Failure
NIH 2012
33. EXACT HF - Xanthine Oxidase Inhibition for Hyperuricemic Heart Failure Patients
NIH 2012
34. ASCEND-HF - Double-Blind, Placebo-Controlled, Multicenter Acute Study of Clinical Effectiveness of Nesiritide in Subjects With Decompensated Heart Failure Trial
Johnson and Johnson 2006-2011

Clinical Events Committee

Chair/Co-Chair

1. " BEAT-HF - Barostim Neo® - Baroreflex Activation Therapy® for Heart Failure
CVRx 2017-
2. " RELAX-AHF-2 - Efficacy and Safety of Relaxin for the Treatment of Acute Heart Failure
Novartis 2013-17
3. " RELIANT - Randomized Evaluation of the Novacor® LVAS In A Non-Transplant Population
WorldHeart Inc, Oakland CA 2006 - 2007

Member

1. " ATRIA - Heart failure adjudication of subject cases from the emergency department and outpatient setting
Abbott 2017-
2. " Alinity i STAT High Sensitive Troponin-I assay
Abbott 2017-
3. " MIRACLE EF - A prospective, randomized, controlled, double-blinded, global multi-center, Cardiac Resynchronization Therapy in Heart Failure clinical study
Medtronic 2013-14
4. " RELAX-AHF - Efficacy and Safety of Relaxin for the Treatment of Acute Heart Failure
Novartis / Corthera 2010
5. " Levacor Clinical Trial
WorldHeart Inc 2009-2010

REGIONAL / NATIONAL LEADER

1. " EMPERIAL Reduced - Empagliflozin in Patients With Chronic Heart Failure With Reduced Ejection Fraction (HFrEF). The Study Looks at How Far Patients Can Walk in 6 Minutes and at Their Heart Failure Symptoms
Boehringer Ingelheim 2017 -
2. " EMPERIAL Preserved - Empagliflozin in Patients With Chronic Heart Failure With Preserved Ejection Fraction (HFpEF). The Study Looks at How Far Patients Can Walk in 6 Minutes and at Their Heart Failure Symptoms
Boehringer Ingelheim 2017-

3. " RED HF - A Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Efficacy and Safety of Darbepoetin alfa Treatment on Mortality and Morbidity in Heart Failure Subjects with Symptomatic Left Ventricular Systolic Dysfunction and Anemia
AMGEN 2007-2012
4. " STAMINA HF - Symptoms in Patients with Heart Failure
Amgen 2002-04

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Abstracts

Over 300 published abstracts as of May 2019

GRANT SUPPORT

Current Federal

1. **Tobacco Regulation and Addiction Center**
(PI: Rose Marie Robertson and Aruni Bhatnagar, Pilot Project Core PI: Javed Butler) "
NHLBI "

Past Federal

1. ! **GUIDED HF:** GWTC Interventions to Reduce Disparities in AHF Patients Discharged from the Emergency Department (MPI: Sean Collins and Javed Butler)
07/01/2015-10/14/2019 - Patient Centered Outcomes Research Institute
2. ! **Diastolic Dysfunction in Individuals with Human Immunodeficiency Virus Infection**
U 10 (PI: Javed Butler) "
Dates: 07/01/2016-10/31/2018 - Institute: NHLBI "

3. ! **PROHIBIT-Sodium (Prevention Of Heart failure hospitalization By Intervening on Sodium)**
R 34 (PI: Javed Butler) "
Dates: 07/01/2014-06/30/2018 - Institute: NHLBI "
4. ! **Targeting Cardiac Fibrosis for Heart Failure Treatment**
European Commission FP7 (PI: Faiez Zannad, Validation Core PI for Health ABC Study: Javed Butler) - Dates: 01/01/2013-1/31/2019
5. ! **NHLBI Heart Failure Clinical Trials Network**
U-10 (PI: Keneth Margulis and Thomas Cappola; Stony Brook site PI Javed Butler) "
Dates: 01/01/2012-12/31/2018 - Institute: NHLBI "
6. ! **NIH Heart Failure Clinical Trials Network**
U-10 (PI Javed Butler) - Dates: 01/01/2012-12/31/2015 - Institute: NHLBI
7. ! **ATHENA HF: Study of High-dose Spironolactone vs. Placebo Therapy in Acute Heart Failure** (PI: Javed Butler)
Dates: 07/01/2015-06/30/2016 - Institute: NHLBI
8. ! **Improving Self Management and Outcomes in Heart Failure Patients with Diabetes**
R 21 (PI: Sandra Dunbar) "
Dates: 12/01/2009-08/21/2011 - Institute: NINR "
9. ! **Cost Effectiveness of Quality of Life in Heart Failure Patients with Diabetes**
R 01 – (PI: Sandra Dunbar) "
Proposed Dates: 12/01/2009-11/30/2012 - Institute: NINR "
10. ! **Caregiver Stress: Interventions to Promote Health and Wellbeing**
P 01 (PI: Bauer-Wu) "
Dates: 10/01/2009-09/30/2014 - Institute: NINR "
11. ! **Inter-professional Collaborative Practice in Palliative Care**
(PI: Tammie Quest, Heart Failure Core PI: Javed Butler) "
Dates: 01/01/2013-12/31/2015 - Institute: Health Resource and Services Administration – US DHHS "
12. ! **Interventions to Improve Outcomes in Chronic Conditions**
T 32 (PI: Sandra Dunbar) "
Dates: 07/01/2011-06/30/2016 - Institute: NINR "
13. ! **Center for Education and Research in Therapeutics**
AHRQ – (PI Wayne Ray) - Dates: 9/30/02 – 9/29/05
14. ! **Vaccine Trial Evaluation Unit**
NIH (PI: Kathryn Edwards) - Dates: 6/01/02 - 05/31/07

Past Non-Federal

1. " **The Atlanta Cardiomyopathy Consortium**

Emory Healthcare. (PI: Javed Butler) - 2/20/07 – 12/31/10

2. " **Novel Risk Markers for Heart Failure**

Emory Healthcare. (PI: Javed Butler) - 7/20/07 – 12/3/08

3. " **A Preliminary Test of iHealth-Home for Improving outcomes in Persons with Heart Failure and Diabetes** (PI: Sandra Dunbar)

The Emory/Georgia Tech Healthcare Innovation Program (HIP) - Proposed Dates: 6/12-6/13

4. " **Predicting Right Ventricular Dysfunction in Patients Undergoing LVAD Implantation** (PI: Andreas Kalogeropoulos)

Emory University Research Commission - Proposed Dates: 3/12-12/12

5. " **Epigenetic Control of Inflammatory Pathways in Heart Failure** (PI: Javed Butler)

The Emory University Research Commission - Proposed Dates: 7/14-6/15

Site Based Clinical Trials

- 1 " A Multicenter, Multi-National Randomized, Double-Blind, Placebo Controlled Study To Determine The Effect Of Carvedilol On Mortality In Patients With Severe Chronic Heart Failure. Glaxo Smith Kline - 03/98 - 06/99 - Co-Investigator
- 2 " An Open Safety Study Of Carvedilol In Patients Who Participated In The Copernicus Study That Determined The Effect Of Carvedilol On Mortality In Patients With Severe CHF. GlaxoSmithKline- 07/99 – 06/00 - Co-Investigator
- 3 " A Retrospective Chart Review Study to Examine the Relationship between Renal Function and In-Hospital Heart Failure Outcomes. Biogen Inc
Biogen - 6/99 – 12/00 Principal Investigator
- 4 " Multicenter Study of Efficacy and Safety of SDZ RAD versus Azathioprine as Part of Triple " Immunosuppressive Therapy in Heart Transplant Recipients "
Novartis 7/99 – 8/01 Co-Investigator "
- 5 " A Double-blind, Placebo-controlled, Multicenter Study of Conivaptan to Assess Efficacy and Safety in Patients With Nonhypovolemic Hyponatremia Associated With Inappropriate ADH "
Parke Davis 3/99 – 3/00 Co-Investigator "
- 6 " ADHERE Registry – Acute Decompensated Heart Failure National Registry. "
Scios 7/01 – 6/04 Principal Investigator "
- 7 " Evaluation study of Congestive Heart Failure and Pulmonary Artery Catheterization Effectiveness (ESCAPE) "
National Institutes of Health 6/01 – 12/03 Principal Investigator "
- 8 " Bio-Impedance Cardiography in Advanced Heart Failure (BIG): A Substudy of the Evaluation Study of Congestive Heart Failure and Pulmonary Artery Catheterization Effectiveness
National Institutes of Health 8/02 – 12/03 Principal Investigator "
- 9 " A-Heft (African-American Heart Failure Trial: A placebo-controlled trial of BiDil® added to " standard therapy for African American patients with heart failure. "
NitroMed 3/01 – 8/04 Principal Investigator "
- 10 " SCDHeFT (Sudden Cardiac Death in Heart Failure Trial). A study to evaluate the impact of cardiac defibrillator and amiodarone on sudden death prevention in patients with heart failure
Medtronic 1/01 – 8/04 Co-Investigator

- 11 " A Twelve-Month Single-blinded Randomized Parallel Group Multi-center Study to Investigate the Efficacy and Safety of ERL080A compared with MMF in de novo Heart Transplant
Novartis 4/02 – 6/04 Principal Investigator
- 12 " A Double Blind, Placebo Controlled, Multi-center Study to Assess the Impact of Subcutaneous Darbopeotin Alfa on Exercise Tolerance in Subjects with Symptomatic CHF and Anemia
Amgen 6/02 – 5/05 Principal Investigator
- 13 " STAMINA-HFP. A Multi-center, Prospective Observational Heart Failure Registry
Amgen 6/02 – 6/05 Principal Investigator
- 14 " Multi center, randomized, double blind, placebo controlled, efficacy study on the effects of oral Tolvaptan on left ventricular dilatation and function in patients with HFrEF
Otsuka 1/02-12/02 Co-Investigator
- 15 " SYNERGY. Evaluation of Synergy Between Natrecor® and Furosemide on Renal and Neurohormone Responses in Chronic Heart Failure: A Phase IV pilot study. SCIOS Inc. 2003-04
Scios 3/03 – 6/04 Principal Investigator
- 16 " OPTIMIZE Organized Program To Initiate Life-Saving Treatment In Hospitalized Patients with Heart Failure.
GlaxoSmithKline 4/03 – 6/05 Principal Investigator
- 17 " A Phase II, Multi-Center, Randomized, Double-Blind, Study of ZP120 Administered as Add-On Therapy in Patients with Decompensated CHF Treated with Furosemide
Zealand Pharma A/S 03/2006 Co-Investigator
- 18 " Multicenter, double-blind, randomized, placebo-controlled, parallel group study to assess the efficacy, safety, and tolerability of tezosentan in patients with acute heart failure.
Actelion 6/03 – 3/04 Principal Investigator
- 19 " Multicenter, double-blind, randomized, placebo-controlled, efficacy and safety study of the effects of oral tolvaptan in patients with hyponatremia.
Otsuka Maryland Research Institute 8/03 – 6/04 Co-Investigator
- 20 " A Phase 2, Dose Escalation Evaluation of the Pharmacokinetic and Hemodynamic Effects of Carperitide in Subjects with Congestive Heart Failure.
Fugisawa 1/04 – 12/04 Co-Investigator
- 21 " A prospective, open label, multicenter extension study on the efficacy and safety of ERL 080A in heart transplant recipients.
Novartis 7/04 – 6/05 Principal Investigator
- 22 " A facilitated access program to provide Everolimus maintenance for patients completing therapy in RAD trials of solid organ transplantation
Novartis 7/04 – 6/05 Principal Investigator
- 23 " Follow-up Serial Infusions of Nesiritide for the Management of Heart Failure FUSION II
Scios 3/04 – 6/06 Principal Investigator
- 24 " A Multi-Center, Randomized, Double-Blind, Flexible Dose Study of ZP120 Administered as I.V. Infusion as Add-On Therapy in Patients with Decompensated HF Treated with Furosemide
Zealand Pharma A/S 03/2006-12-06 Co-Investigator
- 25 " Transplant-Eligible Patient Management For Congestive Heart Failure (TMAC) With Continuous Infusion of Nesiritide or Placebo
Scios Inc 09/2006-6-2007 Co-Investigator
- 26 " A Pilot Study to Assess Change in Exercise Heart Rate as a Dosing Strategy for Beta Blocker Therapy in Heart Failure Due to Left Ventricular Systolic Dysfunction (TARGET-HR)
AstraZeneca 6/04 – 6/05 Principal Investigator
- 27 " A Multicenter, Randomized, Double-Blind, Placebo Controlled, Efficacy Study on the Effects of Oral Tolvaptan on Left Ventricular Dilatation and Function in HF and Systolic Dysfunction

- Otsuka Maryland Research Institute 3/04 – 6/05 Co-Investigator
- 28 " The BALANCE Study: Treatment of Hyponatremia Based on Lixivaptanin NYHA Class III/IV Cardiac Patient Evaluation
CardioKine Biopharma, LLC 9/08 – 6/09 Co-Investigator
- 29 " A Randomized, double-blind, repeat dose, parallel group study to evaluate the effect of GW501516 on exercise capacity, symptoms, and cardiac function in patients with LVSD
Medpace Inc 03/2007 – 6/2008 Co-Investigator
- 30 " RAD001A2310 A 24-Month, Multi-center, Randomized, Open-label, study of Efficacy and Safety of Concentration-Controlled Certican with reduced Neoral versus 3.0g MMF with standard dose Neoral in de novo Heart Transplant
Novartis 12/06 – 4/09 Co-Investigator
- 31 " Multicenter Trial of the Orqis Medical CRS for the ENhanced Treatment of CHF Unresponsive to Medical Therapy
ORQIS® 02/2007-6/08 Co-Investigator
- 32 " TELE-HF: A Study of Telemonitoring to Improve Outcomes in Patients with Heart Failure
National Institutes of Health 8/07 – 9/09 Co-Investigator
- 33 " CHAMPION: CardioMEMS Heart Sensor Allows Monitoring of Pressure to Improve Outcomes in NYHA Class III Heart Failure Patients CM-06-04
CardioMEMS, Inc 6/08 – 6/09 Co-Investigator
- 34 " The Effects of Fx-1006A on Transthyretin Stabilization and Clinical Outcome Measures in Patients with V122I or Wild-Type TTR Amyloid Cardiomyopathy
FoldRX Pharmaceuticals, Inc. 10/08 – 06/10 Co-Investigator
- 35 " PRECEDE-HF-Prospective, Randomized Evaluation of Cardiac Compass with OptiVol in the Early Detection of Decompensation Events for Heart Failure
Medtronic 6/2008 – 7/2010 Co-Investigator
- 36 MULTISENSE - Multisensor Chronic Evaluations in Ambulatory Heart Failure Patients
Boston Scientific - 6/2009 – 7/2011 Co-Investigator
- 37 VIVID: Valvular and Ventricular Improvement via iCoapsys Delivery Feasibility Study
iCoapsys 6/2008 – 4/2010 Co-Investigator
- 38 ECHO-CRT: Echocardiography guided Cardiac Resynchronization Therapy
Biotronic, Inc 1/2010 – 4/2012 Co-Investigator
- 39 PAPER - The HeartMate II LVAS Pivotal Study Protocol
Thoratec 1/2010 – 3/2013 Co-Investigator
- 40 RAPID RF: Remote Active Monitoring in Patients with Heart Failure
Boston Scientific 10/2009 – 10-2012 Co-Investigator
- 41 " A Double-blind, Randomized, Placebo-controlled, Multicenter Study to Assess the Efficacy and Safety of Darbepoetin alfa Treatment on Mortality and Morbidity in Heart Failure (HF)
Amgen Inc 03/2007 – 6/2013 Principle Investigator
- 42 " Double-Blind, Placebo-Controlled, Multicenter Acute Study of Clinical Effectiveness of Nesiritide in Subjects With Decompensated Heart Failure (ASCEND-HF). Protocol A093
Scios, Inc 1/2008 – 3/2011 Principal Investigator
- 43 " A Double-blind, Randomized, Placebo-controlled, Multicenter Phase II Study to Evaluate the Safety and Efficacy of Omecamtiv Mecarbil Infusion in LVSD patients Hospitalized for AHF
AMGEN, Inc 12/2011 – 2-2013 Principal Investigator
- 44 " An Open-Label, Multicenter, Phase 2 Study Evaluating the results of Tc99m-Maraciclalide scintigraphy in Subjects with Diabetes and Heart Failure with Preserved Ejection Fraction
GE Healthcare, Inc 12/2011 – 12/2012 Principal Investigator
- 45 " IMPROVE HF Bridge

- Medtronics, Inc 11/2011 – 3/2013 Principal Investigator
- 46 Xanthine Oxidase Inhibition for Hyperuricemic Heart Failure Patients: EXACT-HF
NIH 1/2012 – 6/14 Principal Investigator
- 47 Reliable Evaluation of Dyspnea in the Heart Failure Network ROSE Study - RED ROSE
NIH 1/2012 – 6/2014 Principal Investigator
- 48 Renal Optimization Strategies Evaluation in Acute Heart Failure - ROSE-AHF
NIH 1/2012 – 6/2-14 Principal Investigator
- 49 TACTICS-HF - The Targeting Acute Congestion with Tolvaptan In Heart Failure Study
Otsuka 10/2012 – 6/2014 Site Investigator
- 50 Increase of Vagal Tone in chronic Heart Failure - INNOVATE
BioControl 10/2012 – 2/2014 Site Investigator
- 51 FIGHT - Functional Impact of GLP-1 for Heart Failure Treatment
NHLBI 11/2012 – 9/2014
- 52 PRESERVE - Preserving Renal Sodium Excretion by Renal Sympathetic Denervation in CHF
NHLBI 11/2012 – 8/2013 Principal Investigator
- 53 " ART-HF - Phase IIb Safety and Efficacy Study of Different Oral Doses of BAY94-8862 in Subjects
With Worsening Chronic HF and LVSD and Either T2DM With or Without CKD or CKD Alone
Bayer 6/2013 – 6/2014 Site Investigator
- 54 " SECRET of CHF - Randomized, Double-Blind, Placebo Controlled Study of the Short Term
Clinical Effects of Tolvaptan in Worsening HF With Challenging Volume Management
Otsuka 7/2013 – 9/2014 Site Investigator
- 55 " The Evaluation of VAD InterVENTion Before Inotropic Therapy
NHLBI 7/2013 – 4/2014 Site Investigator
- 56 " AVOID HF: Study of Heart Failure Hospitalizations After Aquapheresis Therapy Compared to
Intravenous (IV) Diuretic Treatment
Gambro 3/2013 – 6/2014 Site Investigator
- 57 " SILVER-AMI: Outcomes in Older Persons With Heart Attacks
NHLBI 4/2013 – 6/2014 Site Investigator
- 58 " SOCRATES-Preserved. Randomized parallel-group, placebo-controlled, double-blind, dose
finding phase IIb studies of 4 dose regimens of the oral sGC stimulator BAY1021189 over 12 wk
Bayer 10/2013 – 8/2014 Site Investigator
- 59 " SOCRATES-Reduced. Randomized parallel-group, placebo-controlled, double-blind, dose
finding phase IIb studies of 4 dose regimens of the oral sGC stimulator BAY1021189 over 12 wk
Bayer 10/2013 – 8/2014 Site Investigator
- 60 COSMIC-HF - Chronic Oral Study of Myosin Activation to Increase Contractility in Heart Failure
AMGEN 10/2013 – 8/2014 Site Investigator
- 61 IRONOUT – Oral Iron Repletion Effects on Oxygen Uptake in Heart Failure
NHLBI 12/2014 – 04/2017 Site Investigator
- 63 " A Phase IIa, Single-blind, Placebo-controlled, Crossover, Multi-center, Randomized Study to
Assess the Safety, Tolerability, and Efficacy of a Single Intravenous Dose of Ischemia-tolerant
Allogeneic Mesenchymal Bone Marrow Cells to Subjects With Non-Ischemic HF
Cardiocell 12/2014 – 12/2017 Principal Investigator
- 64 " International Registry to Assess Medical Practice with longitudinal Observation for Treatment
of Heart Failure (Report-HF)
Novartis Pharmaceuticals 10/2015-18 Site Investigator
- 65 " Integrated Diagnostics Driven Diuretic & Chronic Medication Management for Heart Failure
(INTERVENE-HF)

- Medtronic Inc. 8/2016-2018 Site Investigator
- 66 Inorganic Nitrate Delivery to Improve Exercise Capacity in HFpEF (INDIE HFpEF)
NHLBI 9/2016-18 Principal Investigator
- 67 Observational registry of Treatment Patterns in Heart Failure with Reduced Ejection Fraction
Novartis Pharmaceuticals 10/2016-18 Site Investigator
- 68 Entresto (LCZ696) In Hospitalized Advanced Heart Failure (LIFE Study)
NHLBI 2/2017-2018 Site Investigator
- 69 " Phase II Trial to Study the Efficacy, Safety Pharmacokinetic & Pharmacodynamic Effects of the
Oral Partial Adenosine A1 Receptor Agonist Neladenoson Bialanate Over 20 Weeks in HFrEF
Bayer Healthcare Pharmaceuticals 04/2017-2018 Site Investigator
- 70 " PREVENTion of Non-Surgical Bleeding by Management of Heart Mate II Patients without
Antiplatelet Therapy (PREVENT II)
St Jude Medical Business Services Inc. 5/2017-18 Site Investigator