



13TH ANNUAL MEETING OF THE NORTH AMERICAN SECTION

Presented by the International Academy of
Cardiovascular Sciences in conjunction with the
University of Louisville Cardiology Symposium

September 10-12, 2026
LOUISVILLE, KENTUCKY

Conference Chair:

Roberto Bolli, M.D., D.Sc. (Hon), Dr. h. c.

*Professor of Medicine and Physiology
Director, Institute of Molecular Cardiology
Distinguished University Scholar
Legacy Foundation of Kentuckiana
Distinguished Chair in Cardiology
University of Louisville Medical Center*

Conference Co-Chair:

**Dinesh Kalra, M.D., M.B.A., FACC, FAHA,
FSCCT, FSCMR**

*Professor of Medicine
Chief, Division of Cardiovascular Medicine
Endowed Chair, Cardiovascular Innovations
Director of Advanced Cardiac Imaging, Lipid Clinic &
Infiltrative Heart Disease Program
University of Louisville Medical Center*



The Galt House Hotel

CONFERENCE INFORMATION



Health Sciences Center
Office of Professional & Educational Development



Joint Provider Accreditation & Credit

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Louisville School of Medicine and International Academy of Cardiovascular Sciences. The University of Louisville School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Physician Credit Designation

The University of Louisville School of Medicine designates this live activity for a maximum of **16.0 AMA PRA Category 1 Credit(s)**[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Continuing Education

This program has been approved by the Kentucky Board of Nursing for **19.2 continuing education credits** through University of Louisville Hospital, provider number **4-0068-12-26-1479**. The Kentucky Board of Nursing approval of an individual nursing education provider does not constitute endorsement of program content.

Completion criteria to obtain CE credits: Attend the entire session and complete the evaluation.

CONFERENCE INFORMATION

Conference Chair

Roberto Bolli, M.D., D.Sc. (Hon), Dr. h. c.

Conference Co-Chair

Dinesh Kalra, M.D. M.B.A., FACC, FAHA, FSCCT, FSCMR

Venue & Accommodation

The Galt House
140 N Fourth St
Louisville, KY 40202

Registration Desk Hours

- September 10: 12:00 PM – 6:00 PM
- September 11: 7:00 AM – 5:00 PM
- September 12: 7:00 AM – 1:00 PM

Poster Session Details

September 11

- Setup: Begins at 8:00 AM
- Judging: 4:30 PM – 6:00 PM

Social Media

Follow and Share #IACSNAS2026

PROGRAM AGENDA

AGENDA – Day 1: Thursday, September 10, 2026 Opening Session: 3:00-6:30 PM

1:00 –6:00 pm Registration

3:00 –3:30 pm Welcome Remarks

3:30 –6:30 pm Plenary Lectures

The long and winding road of hereditary cardiomyopathies

Ali J. Marian, MD

Clonal Hematopoiesis and Cardiovascular Disease

Alan Tall, MD

Precision Hypertension - Molecular mechanisms to targeted therapies

Rhian Touyz B.Sc. (Hons), M.Sc. (Med), MBBCh, PhD

FoxM1 promotes cardiomyocyte regeneration in mammalian hearts with post-infarction LV remodeling

Jay Zhang, PhD

HFpEF: Where metabolism, inflammation, and fibrosis converge in the context of obesity

Philipp E. Scherer, PhD

Knowing is not enough, we must apply; Willing is not enough, we must do: Creating a world where coronary disease is rare

Jagat Narula, MD, PhD

7:00 pm Welcome Dinner

PROGRAM AGENDA

AGENDA – Day 2: Friday, September 11, 2026

7:00 – 8:00 am Registration

Session 1: The True Cardiometabolic Science/Circadian Rhythm

8:00 – 8:20 am Metabolic Mechanisms in Heart Failure - Beyond ATP

Dale Abel, MD, PhD

8:20 – 8:40 am Metabolic regulation in the obesity heart

Junichi Sadoshima, MD, PhD

8:40 – 9:00 am Mechanism-based therapies for cardiometabolic diseases

Yibin Wang, PhD

9:00 – 9:20 am Durable myeloid reprogramming in human cardiometabolic disease

Matthew Feinstein, MD

9:20 – 9:40 am Circadian Control of the Heart in Health and Disease

Martin Young, PhD

9:40 – 10:00 am Circadian Regulation of Metabolic Signaling Pathways in the Heart

Lorrie Kirshenbaum, OM, PhD, FAHA, FIACS, FISHR, FFGTB, FCAHS

10:00 – 10:20 am Coffee Break

Session 2: Diabetes and the Heart

8:00 – 8:20 am TBA

Chiara Giannarelli, MD, PhD

8:20 – 8:40 am When Diabetes Hits the Heart: GRK5 as the Hidden Saboteur

Yajing Wang, PhD

8:40 – 9:00 am Diaphanous 1-driven pathogenic mechanisms in ischemic and diabetic hearts

Ravichandran (Ravi) Ramasamy, PhD

9:00 – 9:20 am GLUT1: Inflection point of diabetic cardiomyopathy

Konstantinos Drosatos, MSc, PhD, FAHA

9:20 – 9:40 am Sweetheart - How the Cardiomyocyte Senses Nutrients

Jonathan Kirk, PhD

9:40 – 10:00 am Interaction between Monoamine Oxidase and the Novel Antidiabetic Drugs in Cardio-metabolic Diseases

Danina Muntean, MD, PhD

10:00 – 10:20 am Coffee Break

PROGRAM AGENDA

AGENDA – Day 2: Friday, September 11, 2026

Session 3: Gene- and Cell-based Therapies

- 8:00 – 8:20 am** **Therapeutic potential of mesenchymal stem cell- derived extracellular vesicles in ischemic tissue repair**
Ewa Zuba-Surma, PhD
- 8:20 – 8:40 am** **Advancing Extracellular Vesicle Research: Progress and Innovations in Therapeutic Applications**
Aisha Khan, PhD, MBA
- 8:40 – 9:20 am** **Keynote lecture: Advances in Cardiac Gene Therapy**
Roger J. Hajjar, MD
- 9:20 – 9:40 am** **Options for the No-Option patient”: Novel treatments for Refractory Angina**
Timothy D. Henry, MD
- 9:40 – 10:00 am** **Bacteria to the Rescue of Cardiac Conduction and Contraction**
Nenad Bursac, PhD

Coffee Break

10:00 – 10:20 am

Session 4:

Buddhadeb Dawn Graduate Student Award Competition

- 10:20 – 10:40 am** **To be Announced**
- 10:40 – 11:00 am** **To be Announced**
- 11:00 – 11:20 am** **To be Announced**
- 11:20 – 11:40 am** **To be Announced**

PROGRAM AGENDA

AGENDA – Day 2: Friday, September 11, 2026

Session 5: Mechanisms of Myocardial Injury

- 10:20 – 11:00 am** **Neutrophil STING in ischemic cardiac injury**
Rebecca Levit, MD
- 11:00 – 11:20 am** **ATG9A in Cardiac Mitochondrial Homeostasis and Quality Control**
Asa Gustafsson, PhD
- 11:20 – 11:40 am** **Keynote Lecture: Unifying Cell Death Programs in Myocardial Infarction**
Richard N. Kitsis, MD
- 11:40 – 12:00 pm** **When the Young Heart Fails: Age-Dependent Mechanisms in Pediatric Heart Failure**
Kika Sucharov, PhD
- 12:00 – 12:20 pm** **T cell immune responses in chemotherapy cardiotoxicity**
Pilar Alcaide, PhD

Session 6: Cardiomyopathies/Heart Failure

- 10:20 – 11:00 am** **Keynote Lecture: Targeting T-tubule Microdomains For Heart Failure Therapy Development**
TingTing Hong, MD, PhD
- 11:00 – 11:20 am** **Molecular Mechanisms of Hypertrophic Cardiomyopathy**
Sakthivel Sadayappan, PhD
- 11:20 – 11:40 am** **Novel therapeutic options for cardiac fibrosis**
Michael P. Czubryt, PhD, FCVS, FAHA, FIACS, FAPS
- 11:40 – 12:00 pm** **Novel Targets and Approaches for Dystrophic Cardiomyopathy**
Da-Zhi Wang, PhD
- 12:00 – 12:20 pm** **Cardiac Myocytes Aging Transcriptome**
Leila Rouhi, MD, PhD

Lunch Break

12:20 – 2:00 pm

PROGRAM AGENDA

AGENDA – Day 2: Friday, September 11, 2026

NIH Symposium Speaker

1:00 – 2:00 PM

Session 7:

Roberto Bolli, MD Distinguished Young Scientist Award Competition

(2.5 hours continuous till 4:30 PM-no coffee break)

- TBD
- TBD
- TBD
- TBD
- TBD

Session 8: Cardiac Electrophysiology (half session)

- 2:00 – 2:20 pm** **Sodium Channel Isoform Regulation in the Heart**
Barry London, MD, PhD
- 2:20 – 2:40 pm** **Fibrosis reversal in atrial fibrillation by targeting the miR-31/calcitonin receptor axis**
Xander Wehrens, MD, PhD
- 2:40 – 3:00 pm** **Proarrhythmic remodeling of pulmonary vein sleeve myocytes in a large animal model of endurance exercise**
István Baczkó, MD, PhD

Session 9:

ATHEROSCLEROSIS AND VASCULAR BIOLOGY I (HALF SESSION)

- 2:00 – 2:20 pm** **Pulmonary hypertension and its potentially metallomic risks**
Lu Cai, MD, PhD
- 2:20 – 2:40 pm** **Mechanisms of Pulmonary Hypertension**
Jiapeng Huang, MD, PhD
- 2:40 – 3:00 pm** **Time course of early and delayed myocardial protection induced by vagal nerve stimulation preconditioning**
Ricardo J. Gelpi, MD, PhD

Coffee Break

3:00 – 3:20 pm

- 3:20 – 4:20 PM** **Continuation of Roberto Bolli, MD Distinguished Young Scientist Award Competition**

PROGRAM AGENDA

AGENDA – Day 2: Friday, September 11, 2026

Session 10: Cardiac Electrophysiology II (half session)

- 3:20 – 3:40 pm** **The Ultrarapid Delayed Rectifier Potassium Current has Important Role in the Repolarization in the Canine and Human Ventricular Muscle**
András Varró, MD, PhD
- 3:40 – 4:00 pm** **Feasibility of conductive devices against cardiac arrhythmias**
Ren-Ke Li, MD, PhD

Session 11: Atherosclerosis and Vascular Biology II (half session)

- 3:20 – 3:40 pm** **The causal role of cancer in atherosclerosis**
Nick Leeper, MD
- 3:40 – 4:00 pm** **Spatial Multiomics in Atherosclerotic Plaque Stability**
Gregory A. Payne, MD, PhD, FAHA

Poster Sessions

4:30 – 6:00 PM

AGENDA – Day 3: Saturday, September 12, 2026

- 7:00 – 8:00 am** **Registration**

Session 12: Epigenetic Mechanisms In Heart Disease

- 8:00 – 8:20 am** **Chromatin as a Biosensor in the Heart**
Thomas Vondriska, PhD
- 8:20 – 8:40 am** **Actin acetylation in muscle function**
Bradley Ferguson, PhD
- 8:40 – 9:00 am** **Reversing Profibrotic Epigenetic Memory in Human Cardiac Fibroblasts**
Tim McKinsey, PhD
- 9:00 – 9:20 am** **Reversing HFpEF by Epigenetics**
Suresh C. Tyagi, PhD

PROGRAM AGENDA

AGENDA – Day 2: Friday, September 11, 2026

- 9:20 – 9:40 am** **SeXX Matters: Epigenetic based sex dimorphic cardiac reparative activity of endothelial progenitor cells**
Raj Kishore, PhD
- 9:40- 10:00 am** **Epigenetic Regression of the Failing Heart: The Role for KDM5**
Priyatansh Gurha, PhD

Session 13: New Insights Into Heart Failure With Preserved Ejection Fraction

- 8:00 – 8:20 am** **A new model of metabolic syndrome-driven HFpEF**
Roberto Bolli, M.D., D.Sc. (Hon), Dr. h. c.
- 8:20 – 8:40 am** **Investigating the Role of Protein Tyrosine Phosphatase 1B (PTP1B) Inhibition in HFpEF**
Maria Kontaridis, PhD
- 8:40 – 9:20 am** **Keynote Lecture: Myocardial Mechanisms of Diastolic Dysfunction in HFpEF: Rethinking the Role of Fibrosis**
Brian Weil, PhD
- 9:20 – 9:40 am** **Sex-Dependent Cardiometabolic Remodeling in HFpEF Following Circadian Disruption**
Inna Rabinovitch, PhD
- 9:40 – 10:00 am** **The Exposome and Heart Health: Linking Environmental Toxins to Cardiovascular Remodeling and HFpEF**
Vineet Agrawal, MD, PhD

Session 14: Advances In Cardiovascular Research

- 8:00 – 8:20 am** **PCSK9 and Atherosclerotic Stenosis in the Carotid Artery: Implication in Plaque Instability**
Devendra K. Agrawal, PhD (Biochem), PhD (Med Sciences), MBA
- 8:20 – 8:40 am** **Novel therapeutics for cardiac repair**
Arjun Deb, MD
- 8:40 – 9:00 am** **Nampt activators for treatment of Heart failure**
Srinivas Tipparaju, PhD
- 9:00 – 9:20 am** **Urolithin A attenuate experimental heart failure by preventing mitochondrial dysfunction and fibrotic remodeling**
Ranko Skrbic, MD, PhD
- 9:20 – 9:40 am** **Hyperbaric Oxygen Therapy in Experimental Autoimmune Myocarditis**
Vladimir Jakovljevic, MD, PhD
- 9:40 – 10:00 am** **Valvular Heart Disease: Update**
Henrique Furtado, MD, PhD

PROGRAM AGENDA

AGENDA – Day 3: Saturday, September 12, 2026

Coffee Break

10:00 – 10:20 am

Session 15: THE ENVIROME AND THE HEART

- 10:20 – 11:00 am** **Keynote lecture: Cardiovascular Risk and Evidence Based Nutrition**
Kim A. Williams, Sr., MD, MACC, MASNC, FAHA, FESC
- 11:00 – 11:20 am** **Stress and heart disease**
Arshed Quyyumi, MD, FACC
- 11:20 – 11:40 pm** **Cardiovascular health check: New preventive strategy**
Goran Krstacic MD, PhD, FESC, FEHRA
- 11:40 – 12:00 pm** **Exposome Implications on Cardiopulmonary Health: Role of Psychosocial Stress**
Loren Wold, PhD
- 12:00 – 12:20 pm** **The Effect of Nicotine Use on the Adolescent Heart and Brain**
Nicole Purcell, PhD

Session 16: NEW CONCEPTS IN CARDIAC REGENERATION AND MICROVASCULATURE

- 10:20 – 10:40 am** **Mechanisms that govern myocardial repair and regeneration**
Dan Garry, MD, PhD
- 10:40 – 11:00 am** **2D Nanomaterials for Cardiac Regenerative Medicine**
Sanjiv Dhingra, PhD
- 11:00 – 11:20 am** **Cardiac regeneration through stimulation of cardiomyocyte proliferation**
Jop Van Berlo, PhD
- 11:20-11:40 am** **Rewriting the Code for Cardiomyocyte Proliferation**
Tamer M Mohamed, PhD
- 11:40 – 12:00 pm** **Role of the Microvasculature in Cardiovascular Disease**
Timothy D. Henry, MD

Session 17: CARDIAC REPAIR

- 10:20 – 11:00 am** **Keynote lecture: Smad signaling cascades in cardiac repair, remodeling and fibrosis**
Nikolaos Frangogiannis, MD
- 11:00 – 11:20 am** **New Strategies for Myocardial Infarction Repair**
Yi-Gang Wang, MD, PhD

PROGRAM AGENDA

AGENDA – Day 3: Saturday, September 12, 2026

- 11:20 – 11:40 pm** **Microbial metabolites as systemic regulators of myocardial repair**
Patrick C.H Hsieh, MD, PhD, FAHA
- 11:40 – 12:00 pm** **Universal Human Bioenergetic Battery**
Phil Yang, MD
- 12:00 – 12:20 pm** **Closing the Gap: New Mechanisms of Electrical and Structural Rescue in Arrhythmogenic Cardiomyopathy**
Farah Sheikh, PhD, FCVS, FAHA

Lunch Break

12:20 – 2:00 pm

Session 18: CLINICAL APPLICATIONS OF CELL THERAPIES

- 2:00 – 2:20 pm** **Cell therapy for heart failure**
Joshua M. Hare, MD, FACC, FAHA
- 2:20 – 2:40 pm** **Early Clinical Experience with Stem Cell Therapies in Infants with Congenital Heart Disease**
Sunjay Kaushal, MD
- 2:40 – 3:00 pm** **Cardiovascular cell therapy with iPSC-derived endothelial cells and reprogrammed cells**
Young-sup Yoon, MD, PhD

Session 19: ADVANCES IN CARDIAC IMAGING

- 2:00 – 2:20 pm** **Leveraging Imaging to Guide Preventive Therapies in Atherosclerotic Disease**
Dinesh Kalra, MD, MBA, FACC, FNLA, FSCCT, FSCMR, FAHA, FASPC
- 2:20 – 2:40 pm** **Expanding PYP Scanning for Early Detection of Cardiac amyloidosis**
Dong Bo Yu, MD
- 2:40 – 3:00 pm** **Demystifying diastology: Update from the Recent ASE Guidelines**
Vincent L. Sorrell, MD, FACC, FACP

Session 20: NEW HORIZONS IN INTERVENTIONAL CARDIOLOGY

- 2:00 – 2:20 pm** **Updates in structural heart disease interventions**
Faraaz Rahman, MD
- 2:20 – 2:40 pm** **Role of TMVR in failed bioprosthetic mitral valve**
Naresh Solankhi, MD, FRCPC, FACC
- 2:40 – 3:00 pm** **Advances in transcatheter tricuspid valve interventions**
Ravi Sharma, MD

PROGRAM AGENDA

AGENDA – Day 3: Saturday, September 12, 2026

Coffee Break

3:00 – 3:20 pm

Session 21:

EMERGING CONCEPTS IN NONINVASIVE AND INVASIVE CARDIOLOGY

- 3:20 – 3:40 pm** **Concomitant ventricular tachycardia ablation during left ventricular assist device (LVAD) implantation**
Auras Atreya, MD, MPH, FACC, FSCAI, FHRS
- 3:40 – 4:00 pm** **Atrial fibrillation and Heart failure: Strategies for management**
Nachiket M. Apte, MD, FACC, FHRS
- 4:00 – 4:20 pm** **Low gradient, potentially severe aortic stenosis**
Marcus Stoddard, MD, FACC, FAHA, FASE
- 4:20 – 4:40 pm** **New horizons in electrophysiology**
Jeffrey Stidam, MD
- 4:40 – 5:00 pm** **Cardiac Cell Therapy: From Promise to Practice**
Buddhadeb Dawn, MD

Session 22:

CURRENT ISSUES IN CARDIOVASCULAR MEDICINE

- 3:20 – 4:00 pm** **Keynote Lecture: Myocardial Recovery: Bedside to Bench and Back**
Stavros G. Drakos, MD, PhD
- 4:00 – 4:20 pm** **Who May Benefit from ECMO in Cardiogenic Shock?**
Petr Ostadal, MD, PhD
- 4:20 – 4:40 pm** **Beyond Flow: Redefining Coronary Physiology Using Advanced Thermodilution and Flow Dynamics**
Yuvraj Chowdhury, M.D.
- 4:40 – 5:00 pm** **Advances in TAVR: latest research and clinical impact (remote presentation)**
Gilbert Tang, MD, MSc, MBA

Awards Ceremony and Gala Dinner

- 6:00 – 7:00 PM** **Announcements, Recognitions, and Awards**
- 7:00 – 10:00 PM** **Gala Dinner**

PROGRAM FACULTY

Dale Abel, MD, PhD

William S. Adams Distinguished Professor of Medicine
Chair and Executive Medical Director
Department of Medicine
David Geffen School of Medicine at UCLA and UCLA Health
Los Angeles, CA, USA

Devendra K. Agrawal, PhD (Biochem), PhD (Med Sciences), MBA, MS (ITM) FAAAAI, FAHA, FAPS, FIACS

Professor and Director, Department of Translational Research
College of Osteopathic Medicine of the Pacific
Western University of Health Sciences
Pomona, CA, USA

Vineet Agrawal, MD, PhD

Assistant Professor of Medicine
Director, Invasive CPET Program
Vanderbilt University Medical Center
Nashville, TN, USA

Pilar Alcaide, PhD

Professor and Vice Chair
Department of Microbiology and Immunology
University of Miami Miller School of Medicine
Miami, FL, USA

Nachiket M. Apte, MD, FACC, FHRS

Associate Professor of Electrophysiology
Program Director of Clinical Cardiac Electrophysiology Fellowship
University of Louisville Medical Center
Louisville, Kentucky, USA

Auras Atreya, MD, MPH, FACC, FSCAI, FHRS

Assistant Professor of Electrophysiology
Director of Cardiac Electrophysiology
Director of Ventricular Arrhythmia Program
University of Louisville Medical Center
Louisville, Kentucky, USA

István Baczkó, MD, PhD

Professor and Head
Department of Pharmacology and Pharmacotherapy
Albert Szent-Györgyi Medical School
University of Szeged
Szeged, Hungary

Roberto Bolli, M.D., D.Sc. (Hon), Dr. h. c.

Professor of Medicine and Physiology
Distinguished University Scholar
Legacy Foundation of Kentuckiana Distinguished Chair in Cardiology
Director, Institute of Molecular Cardiology
Louisville, KY, USA

Nenad Bursac, PhD

Professor of Biomedical Engineering
Professor of Medicine
Duke University
Durham, NC, USA

Lu Cai, MD, PhD

Professor of Pediatrics, Radiation Oncology, and Pharmacology and Toxicology
Director, Pediatric Research Institute
University of Louisville School of Medicine
Louisville, Kentucky, USA

Yuvraj Chowdhury, M.D.

Assistant Professor of Medicine
Director – Cardiac Cath Lab, UofL Hospital
University of Louisville

Michael P. Czubryt, PhD, FCVS, FAHA, FIACS, FAPS

Executive Director of Research | Directeur général,
Recherche St-Boniface Hospital
Everett Chair in Fibrosis Research
Professor, Department of Physiology & Pathophysiology
Rady Faculty of Health Sciences, University of Manitoba
Principal Investigator, Molecular Pathophysiology Laboratory
St. Boniface Hospital Albrechtsen Research Centre
Winnipeg, MB

Arjun Deb, MD

Professor, Molecular, Cell, and Developmental Biology
Director, UCLA Cardiovascular Research Theme
University of California, Los Angeles
Los Angeles, CA, USA

Buddhadeb Dawn, MD

Professor and Chairman
Department of Internal Medicine
Chief, Division of Cardiovascular Medicine
Kirk Kerkorian School of Medicine at UNLV
University of Nevada, Las Vegas
Las Vegas, NV, USA

PROGRAM FACULTY

Sanjiv Dhingra, PhD, FAHA, FIACS, FAPS

Professor
Director, Canada Italy Tissue Engineering Program
Associate Head Research – Department of Physiology and Pathophysiology
Institute of Cardiovascular Sciences, St. Boniface Hospital Research
Regenerative Medicine Program
Biomedical Engineering Program
Max Rady College of Medicine, Rady Faculty of Health Sciences
University of Manitoba
Winnipeg, Manitoba, Canada

Stavros G. Drakos, MD, PhD

Professor of Medicine
H.A. and Edna Benning Presidential Endowed Chair
Co-Director Cardiovascular, Renal, and Metabolism Center - CRMC
Director CVRTI Muscle Biology Program
University of Utah
Salt Lake City, UT

Konstantinos Drosatos, MSc, PhD, FAHA

Ohio Eminent Scholar & Professor
Department of Pharmacology, Physiology, and Neurobiology
University of Cincinnati College of Medicine
Cardiovascular Center
Metabolic Biology Laboratory
Cincinnati, OH, USA

Matthew Feinstein, MD

Medtronic Zipes Professor of Cardiology
Professor of Medicine
Indiana University School of Medicine
Indianapolis, IN, USA

Nikolaos Frangogiannis, MD

Professor of Medicine (Cardiology)
Albert Einstein College of Medicine
Bronx, NY, USA

Bradley Ferguson, PhD

Associate Professor
Graduate Program Director, Department of Nutrition
College of Agriculture, Biotechnology & Natural Resources
University of Nevada, Reno
Reno, NV, USA

Henrique Furtado, MD, PhD

Professor of Medicine
Federal University of Tocantins
Vice President, Latin America Section
Palmas, TO, Brazil

Dan Garry, MD, PhD

Professor of Medicine
Cardiovascular Division
University of Minnesota Medical School
Minneapolis, MN, USA

Ricardo J. Gelpi, MD, PhD

Professor and Director
Department of Pathology
Faculty of Medicine, University of Buenos Aires
Buenos Aires, Argentina

Chiara Giannarelli, MD, PhD

Associate Professor of Medicine and Pathology
NYU Grossman School of Medicine
New York, NY, USA

Asa Gustafsson, PhD

Professor of Pharmacology
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of California, San Diego
San Diego, CA, USA

Priyatansh Gurha, PhD

Assistant Professor
Welsh Foundation Scholar
Center for Cardiovascular Genetic Research Institute of Molecular Medicine
McGovern Medical School
Houston, TX, USA

Roger J. Hajjar, MD

Professor of Medicine (Cardiology)
Icahn School of Medicine at Mount Sinai
New York, NY, USA

Joshua M. Hare, MD, FACC, FAHA

Director, Donald Soffer Endowed Program in Regenerative Medicine
Senior Associate Dean for Experimental & Cellular Therapeutics
Louis Lemberg Professor of Medicine (Cardiology)
Professor of Molecular and Cellular Pharmacology
Professor of Biomedical Engineering
Director, Interdisciplinary Stem Cell Institute (ISCI)
Secondary Appointment of Biochemistry and Molecular Biology Professor
Miami, Florida, USA

Timothy D. Henry, MD

The Lindner Family Distinguished Chair in Clinical Research
Medical Director, The Carl and Edyth Lindner Canter for Research and Education The Christ Hospital Cincinnati
Ohio, USA

PROGRAM FACULTY

TingTing Hong, MD, PhD

Associate Professor of Pharmacology and Toxicology, Investigator, Nora Eccles Harrison Cardiovascular Research Institute University of Utah
Salt Lake City, UT, USA

Patrick C.H Hsieh, MD, PhD, FAHA

Distinguished Research Fellow and Chief Division of Cardiovascular & Metabolic Diseases, Institute of Biomedical Sciences, Academia Sinica
Professor, National Taiwan University College of Medicine and Kaohsiung Medical University Nankang, Taipei 115, Taiwan

Jiapeng Huang, MD, PhD, FASA, FASE, D. ABA, D. NBE

Chief Scientific Officer, UofL Health
Associate Dean, Deputy Director, Louisville Clinical and Translational Research Center
Professor and Vice Chair, Department of Anesthesiology and Perioperative Medicine University of Louisville Medical Center
Louisville, Kentucky, USA

Vladimir Jakovljevic, MD, PhD

Professor of Medical Physiology
President, IACS–Europe
Faculty of Medicine
University of Kragujevac
Kragujevac, Serbia

Dinesh Kalra, MD, MBA, FACC, FNLA, FSCCT, FSCMR, FAHA, FASPC

Professor of Cardiovascular Medicine
Division Chief of Cardiovascular Medicine
Endowed Chair in Cardiovascular Innovations
Director of Advanced Cardiac Imaging, Lipid Clinic and Infiltrative Cardiac Disease Program
University of Louisville Medical Center
Louisville, Kentucky, USA

Sunjay Kaushal, MD

Professor of Surgery,
Kirk Kerkorian School of Medicine
University of Nevada, Las Vegas
Las Vegas, NV, USA

Aisha Khan, PhD, MBA

Executive Director of Laboratory Operations, Interdisciplinary Stem Cell Institute
Miami Project to Cure Paralysis
University of Miami Miller School of Medicine
Miami, Florida, USA

Lorrie Kirshenbaum, OM, PhD, FAHA, FIACS, FISHR, FFGIB, FCAHS

Naranjan Dhalla Chair in Cardiovascular Sciences
Director, Institute of Cardiovascular Sciences
St. Boniface Hospital Albrechtsen Research Centre
Canada Research Chair in Molecular Cardiology
Head, Division of Cardiovascular Science and Disease
Professor, Departments of Physiology and Pathophysiology, and
Pharmacology and Therapeutics, Max Rady College of Medicine
Rady Faculty of Health Sciences, University of Manitoba Winnipeg, Manitoba, Canada

Jonathan Kirk, PhD

Professor and Vice Chair
Department of Cell & Molecular Physiology
Loyola University Stritch School of Medicine
Chicago, IL, USA

Raj Kishore, PhD

Chair and Professor, Aging and Cardiovascular Discovery Center Lewis Katz School of Medicine at Temple University
Philadelphia, PA, USA

Richard N. Kitsis, MD

Professor of Medicine (Cardiology) and Cell Biology
Director, Wilf Family Cardiovascular Research Institute Albert Einstein College of Medicine
Bronx, NY, USA

Maria Kontaridis, PhD

Executive Director Director of Research
Gordon K. Moe Professor and Chair
Biomedical Research and Translational Medicine Masonic Medical Research Institute
Associate Professor of Medicine, Part-time
Beth Israel Deaconess Medical Center
Harvard Medical School
Utica, NY, USA

Goran Krstacic MD, PhD, FESC, FEHRA

Professor of Cardiology
Faculty of Dental Medicine and Health School of Medicine,
University of Osijek Director
Institute for Cardiovascular Prevention and Rehabilitation,
Zagreb, Croatia

PROGRAM FACULTY

Nick Leeper, MD

Professor of Surgery (Vascular Surgery) and Medicine
(Cardiovascular Medicine)
Stanford University School of Medicine
Stanford, CA, USA

Rebecca Levit, MD

Associate Professor, Division of Cardiology,
Emory University School of Medicine
Atlanta, GA, USA

Ren-Ke Li, MD, PhD

Canadian Research Chair in Cardiac Regeneration
Professor of Cardiovascular Surgery
University of Toronto Senior Scientist
Toronto General Hospital Research Institute Toronto
Ontario, Canada

Barry London, MD, PhD

Professor of Internal Medicine (Cardiology)
Director, Division of Cardiovascular Medicine
University of Iowa Carver
College of Medicine
Iowa City, IA, USA

Ali J. Marian, MD

Professor of Molecular Medicine and Internal Medicine
Director, IMM-Center for Cardiovascular
Genetics, Institute of Molecular Medicine
James T. Willerson Distinguished Chair in Cardiovascular
Research
McGovern Medical School
Houston, TX, USA

Tim McKinsey, PhD

Professor of Medicine (Cardiology)
Associate Division Head for Translational Research
Director, Consortium for Fibrosis Research & Translation
University of Colorado School of Medicine
Aurora, CO, USA

Tamer M Mohamed, PhD

Associate Professor of Surgery
Director of the Center for Cardiac Engineering and
Regenerative Therapeutics (CERT)
Department of Surgery,
Baylor College of Medicine
Houston, TX, USA

Danina Muntean, MD, PhD

Professor of Pathophysiology
Victor Babeş University of Medicine and Pharmacy
Timișoara, Romania
Prague, Czech Republic

Jagat Narula, MD, PhD

Executive Vice President
Chief Academic Officer
UHeart & Vascular Institute
McGovern Medical School
University of Texas Health Science Center
Houston, TX, USA

Petr Ostadal, MD, PhD

President, Czech Society of Cardiology
Professor of Cardiology
Second Faculty of Medicine
Charles University
Prague, Czech Republic

Gregory A. Payne, MD, PhD, FAHA

Associate Professor of Medicine
Director, Comprehensive Cardiovascular Center
UAB Division of Cardiovascular Disease

Nicole Purcell, PhD

Associate Professor of Cardiovascular Research Scientific
Director, Education Programs Huntington Medical
Research Institutes (HMRI),
Pasadena, CA, USA

Arshed Quyyumi, MD, FACC

Professor of Medicine
Division of Cardiology
Emory University School of Medicine
Atlanta, GA, USA

Inna Rabinovitch, PhD

Assistant Professor
Evelyn Wyrzykowski Family Professorship in
Cardiovascular Sciences, Institute of Cardiovascular
Sciences University of Manitoba
Winnipeg, Manitoba, Canada

PROGRAM FACULTY

Faraaz Rahman, MD

Assistant Professor of Interventional Cardiology
Director of Structural Heart and Valve Intervention
Associate Program Director of Interventional Cardiology Fellowship
University of Louisville Medical Center
Louisville, KY, USA

Ravichandran (Ravi) Ramasamy, PhD

Professor, Department of Medicine
Professor, Department of Biochemistry and Molecular Pharmacology
Pharmacology
NYU Grossman School of Medicine
New York, New York, USA

Nadia Rosenthal, Ph.D.

Scientific Director
The Jackson Laboratory for Mammalian Genetics
600 Main Street
Bar Harbor, ME 04609

Leila Rouhi, MD, PhD

Assistant Professor
IMM–Center for Cardiovascular Genetics
McGovern Medical School
Houston, TX, USA

Sakthivel Sadayappan, PhD

Professor and Head
Department of Cellular and Molecular Medicine,
Czarina M. and Humberto S. Lopez Endowed Chair
Associate Director, Sarver Heart Center
University of Arizona College of Medicine – Tucson
Tucson, AZ, USA

Junichi Sadoshima, MD, PhD

Professor and Chair,
Department of Cell Biology and Molecular Medicine,
Rutgers New Jersey Medical School
Newark, NJ, USA

Philipp E. Scherer, PhD

Professor of Internal Medicine,
Director, Touchstone Diabetes Center, UT Southwestern Medical Center
Dallas, TX, USA

Ravi Sharma, MD

Interventional Cardiologist
UofL Physicians – Cardiology Associates
UofL Health – Heart Hospital, at Jewish Hospital
UofL Health – Rudd Center
Louisville, KY, USA

Farah Sheikh, PhD, FCVS, FAHA

Professor of Medicine,
Department of Medicine, Cardiology Division, University of California, San Diego
School of Medicine
La Jolla, CA, USA

Ranko Skrbic, MD, PhD

Dean, Professor of Pharmacology and Clinical Pharmacology
Faculty of Medicine
University of Banja Luka
Banja Luka, Bosnia and Herzegovina

Naresh Solankhi, MD, FRCPC, FACC

Gratis Assistant Professor
University of Louisville Medical Center
Director of Cardiac Cath Lab
UofL Health - Jewish Hospital
Louisville, KY, USA

Vincent L. Sorrell, MD, FACC, FACP

Chief, Division of Cardiovascular Medicine Acting Director, Gill Heart & Vascular Institute Anthony N. DeMaria Chair of Cardiovascular Imaging University of Kentucky Medical Center

Jeffrey Stidam, MD

Cardiologist
UofL Health
Louisville, KY, USA

Marcus Stoddard, MD, FACC, FAHA, FASE

Professor of Cardiovascular Medicine
Director of Non-Invasive Cardiology
Director of Echocardiography Lab
University of Louisville Medical Center
Louisville, KY, USA

PROGRAM FACULTY

Kika Sucharov, PhD

Professor with Tenure,
Director, Pediatric Cardiovascular Research Laboratories,
Division of Cardiology
Department of Medicine University of Colorado School of
Medicine,
Aurora, CO, USA

Alan Tall, MD

Tilden-Weger-Bieler Professor of Medicine,
Head, Division of Molecular Medicine,
Columbia University Vagelos
College of Physicians and Surgeons
New York, NY, USA

Gilbert Tang, MD, MSc, MBA

Vice Chair of Innovation, Cardiovascular Surgery Surgical
& Academic Director
Structural Heart Program Professor of Cardiovascular
Surgery & Medicine
Mount Sinai Health System
Editor-In-Chief, JACC Case Reports

Srinivas Tipparaju, PhD

Professor and Chair
William Saunders Endowed Chair in Geriatric
Pharmacotherapy
Interim Associate Dean for Faculty Affairs
USF Health Taneja College of Pharmacy
Tampa, FL, USA

Rhian Touyz B.Sc. (Hons), M.Sc. (Med), MBBCh, PhD

Professor of Medicine
Senior Scientist, RI-MUHC
McGill University
Montreal, Quebec, Canada

Suresh C. Tyagi, PhD

Endowed Chair Professor
Department of Physiology
University of Louisville
Louisville, KY, USA

Jop Van Berlo, PhD

Associate Professor of Medicine
Director of Graduate Studies, Cardiovascular Division,
Department of Medicine
University of Minnesota Medical School
Minneapolis MN, USA

András Varró, MD, PhD

Professor
Department of Pharmacology
Faculty of Medicine
University of Szeged
Szeged, Hungary

Thomas Vondriska, PhD

Professor of Anesthesiology, Medicine, and Physiology
David Geffen School of Medicine at UCLA
Los Angeles, CA, USA

Da-Zhi Wang, PhD

Professor, Internal Medicine and Molecular Pharmacology &
Physiology
Endowed Chair of Cardiovascular Medicine,
Director, Center for Regenerative Medicine
University of South Florida Health Heart Institute
Morsani College of Medicine
University of South Florida
Tampa, Florida, USA

Yajing Wang, PhD

Professor
Director of Basic and Translational Research
Department of Biomedical Engineering
University of Alabama at Birmingham
Birmingham, AL, USA

Yi-Gang Wang, MD, PhD

Professor
Director, Regenerative Medicine Division
Department of Pathology & Laboratory Medicine University
of Cincinnati
College of Medicine
Cincinnati, OH, USA

Yibin Wang, PhD

Tanoto Foundation Professor
Director of Signature Research Program in Cardiovascular
and Metabolic Diseases
Duke-NUS Medical School | 8 College Road, Level 8 |
Singapore 169857
& Senior Principal Investigator and Co-Director
Singhealth Duke-NUS National Heart Research Institute
Singapore (NHRIS)
National Heart Centre Singapore | 5 Hospital Drive |
Singapore 169609 Professor
Department of Medicine
Duke University School of Medicine
Durham, NC USA

PROGRAM FACULTY

Xander Wehrens, MD, PhD

Director, Cardiovascular Research Institute
Quigley Endowed Chair in Cardiology
Professor of Medicine and Physiology
Baylor College of Medicine,
Houston, TX, USA

Brian Weil, PhD

Associate Professor
Department of Physiology and Biophysics
Jacobs School of Medicine and Biomedical Sciences
Buffalo, NY, USA

Kim A. Williams, Sr., MD, MACC, MASNC, FAHA, FESC

Professor of Cardiovascular Medicine
Chair of Department of Medicine
Legacy Foundation of Kentuckiana Endowed Chair in
Health Equity
University of Louisville Medical Center
Louisville, KY, USA

Loren Wold, PhD

Senior Associate Vice President for Research
The Enterprise for Research, Innovation and Knowledge
(ERIK)
The John G. and Jeanne Bonnet McCoy Chair in
Cardiovascular Medicine
Professor, Department of Surgery (Cardiac)
The Ohio State University
College of Medicine
603 Dorothy M. Davis Heart and Lung Research Institute
Columbus, OH, USA

Phil Yang, MD

Professor of Medicine (Cardiovascular Medicine)
Stanford University School of Medicine
Stanford, CA, USA

Martin Young, PhD

Professor of Medicine,
Vice-Director for Research,
Division of Cardiovascular Disease Section Chief, Basic
and Translational Research,
University of Alabama at Birmingham,
Birmingham, AL, USA

Young-sup Yoon, MD, PhD

Director of Stem Cell Biology,
Bruce R. Logue Professor,
Professor of Medicine and Biomedical Engineering
Emory University School of Medicine
Atlanta, GA, USA

Dongbo Yu, MD

Medical Director of Cardiovascular Imaging
Baptist Health Kentucky
Louisville, KY, USA

Jay Zhang, PhD

Chair, Department of Biomedical Engineering
Professor of Medicine and Engineering
University of Alabama at Birmingham
Birmingham, AL, USA

Ewa Zuba-Surma, PhD

Professor of Medical Sciences
Department of Cell Biology
Jagiellonian University
Krakow, Poland