



2025 Cardiovascular Science in Session

Symposium for the Chinese Cardiovascular Community during the
2025 AHA Scientific Sessions Week

Thursday, November 6th 2025, New Orleans
Tulane University School of Medicine, Hutchinson Auditorium
1430 Tulane Ave, New Orleans, LA 70112

Jointly organized by



Academy of Cardiovascular
Research Excellence (**ACRE**)



Chinese American Heart
Association (**CNAHA**)

Join us in **New Orleans** for an engaging afternoon of
science and **networking**
with low-cost registration and dinner included!

Registration



Final Program



Questions? please contact

Dr. Huabo Su HSU@augusta.edu

Dr. Jun Yu jun.yu@temple.edu

Dr. Changcheng Zhou changcheng.zhou@ucr.edu



Program Overview

11:00 — 13:00	On-Site Registration & Check-In	
11:30 — 12:00	Career Development Workshop	
12:30 — 12:35	Opening Remarks	
Scientific Program I	12:35 — 13:05	CNAHA Bernard Lown Lectureship Presentation
	13:05 — 14:20	Featured Presentations (5)
	14:20 — 15:20	Early Young Investigator Presentations (4)
15:20 — 15:50	Coffee Break	
Scientific Program II	15:50 — 16:10	Vendor Presentations
	16:10 — 17:10	Young Investigator Award Competition (6)
	17:10 — 17:40	Keynote Presentation
17:40 — 17:50	Closing Remarks	
17:50 — 17:55	Group Photo	
19:00 — 22:00	Dinner & Award Celebrations Nole Special Event Venue with Mirepoix Catering 2001 St. Charles Ave, New Orleans, LA Click for Direction (~10 min driving)	



Keynote Presentation



Richard N. Kitsis MD
Albert Einstein
College of Medicine

Dr. Richard N. Kitsis is a Professor of Medicine and Cell Biology, holding the Dr. Gerald and Myra Dorros Chair in Cardiovascular Disease, and serves as the Director of the Wilf Family Cardiovascular Research Institute at Albert Einstein College of Medicine. He also works as an Attending Cardiologist at Montefiore Einstein.

Dr. Kitsis is internationally recognized for his groundbreaking research on the molecular mechanisms of cell death and its role in myocardial infarction. His laboratory was the first to demonstrate that regulated forms of cell death are a primary cause of cardiac injury during heart attacks, a discovery that has transformed therapeutic strategies for ischemic heart disease.

He has received numerous honors, including the 2023 Jay and Jeanie Schottenstein Prize in Cardiovascular Sciences from The Ohio State University and the President's Distinguished Lecture Award from the International Society for Heart Research. Dr. Kitsis earned his BA in Chemistry from Harvard (summa cum laude) and his MD from the University of California, San Francisco.

CNAHA Bernard Lown Lectureship Presentation



Kenneth K. Liao
MD PhD
Baylor College of Medicine

Dr. Kenneth Liao is a nationally and internationally renowned cardiothoracic surgeon and a world leader in minimally invasive and robotic cardiac surgery, heart transplantation, and mechanical circulatory support. He currently serves as Chief of the Division of Cardiothoracic Transplantation and Circulatory Support at Baylor College of Medicine and as Chief of Cardiothoracic Transplantation and Mechanical Circulatory Support at Baylor St. Luke's Medical Center. Before joining Baylor, Dr. Liao led the Robotic and Minimally Invasive Cardiac Surgery and Heart Transplant programs at the University of Minnesota, where he pioneered robotic mitral valve repair and transcatheter aortic valve replacement (TAVR). He is board-certified in both general and thoracic surgery and oversees two advanced fellowship programs in cardiothoracic surgery at Baylor. Dr. Liao has contributed to over 30 clinical trials and has delivered invited lectures worldwide. A Fellow of the American College of Surgeons and the American College of Chest Physicians, he has published extensively in the fields of valve surgery, heart failure, and ventricular assist devices.

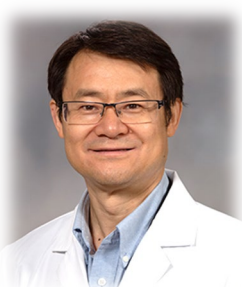


Featured Presentations

Senior Investigators



Ke Cheng PhD
Professor
Columbia University



Yingjie Chen MD PhD
Professor
University of Mississippi



Liming Pei PhD
Associate Professor
University of Pennsylvania



Hongyu Qiu MD PhD
Professor
University of Arizona



Jialong Zhuo MD PhD
Professor
Tulane University

Rising Stars



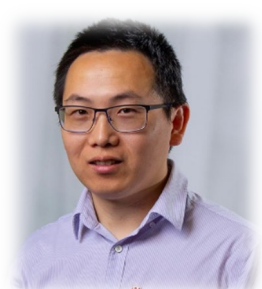
Guoping Li PhD
Assistant Professor
Harvard University



Haobo Li PhD
Assistant Professor
Harvard University



Shijie Liu PhD
Assistant Professor
Cincinnati Children's Hospital



Wei Shi MD
Assistant Professor
University of Nebraska



2025 Cardiovascular Science in Session

Final Program

Hutchinson Auditorium at Tulane University School of Medicine
1430 Tulane Ave, New Orleans, LA 70112
11:00 - 22:00

11:00 - 13:00 On-Site Registration & Check-In

11:30 – 12:00 Career Development Workshop

Moderators:	<u>Shiyou Chen</u> , PhD	University of Missouri, School of Medicine
	<u>Liwu Li</u> , PhD	Virginia Tech. School of Science
	<u>Bowen Wang</u> , PhD	Northwestern University, School of Medicine
	<u>Xu Xiao</u> , PhD	University of Kentucky, School of Medicine
Panelists:	<u>Jiang Chang</u> , MD, PhD	Professor, Director of Genomic and Precision Medicine Texas A & M University
	<u>Yabing Chen</u> , PhD	Professor, Vice Chair for Research in Pathology & Laboratory Medicine Oregon Health & Science University, School of Medicine
	<u>Alan Daugherty</u> , PhD	Professor, Chair of Physiology, Director of Saha Cardiovascular Research Center, University of Kentucky
	<u>Tzung Hsiai</u> , MD, PhD	Professor of Medicine and Bioengineering, University of California, Los Angeles
	<u>Hanjun Wang</u> , MD	Professor, Vice Chair for Research in the Department of Anesthesiology University of Nebraska Medical Center
	<u>Jiliang Zhou</u> , MD, PhD	Professor and Chair of Pharmacology, Toxicology & Neuroscience Louisiana State University Health Shreveport

12:30 – 12:35 Opening Remarks

<u>Zhao Wang</u> , PhD	President of ACRE
<u>Hanjun Wang</u> , MD	President of CNAHA

Scientific Session I

12:35 – 13:05 CNAHA Bernard Lown Lectureship (25min talk + 5min Q&A)

Moderator:	<u>Jiang Chang</u> , MD, PhD, Texas A&M University
Speaker:	<u>Kenneth K Liao</u> , MD, PhD, Baylor College of Medicine <i>Uniting Cell Death Programs in Heart Disease</i>

13:05 – 14:20 Featured Presentation (12min talk + 3min Q&A)

Moderators:	<u>Xiaolei Liu</u> , PhD, Temple University
	<u>Jidong Fu</u> , PhD, The Ohio State University
13:05 - 13:20	<u>Liming Pei</u> , PhD, University of Pennsylvania <i>Molecular Architecture of the Human Heart</i>
13:20 - 13:35	<u>Yingjie Chen</u> , MD, PhD, University of Mississippi



T cell effects on systolic overload and immune checkpoint inhibitors-induced cardiac inflammation and dysfunction

13:35 - 13:50 Ke Cheng, PhD, Columbia University

Minimally Invasive delivery of secretome therapeutics for heart repair

13:50 - 14:05 Jialong Zhuo, MD, PhD, Tulane University School of Medicine

From Endocrine, Paracrine to Intracrine Angiotensin II: What Else Is Left for Angiotensin-II-Dependent Hypertension Research?

14:05 - 14:20 Hongyu Qiu, MD, PhD, University of Arizona College of Medicine

The Role of Valsoin-Containing Protein in the Heart.

14:20 – 15:20 Early Career Investigator Presentations (12min talk + 3min Q&A)

Moderators: Jingyan Han, PhD, Boston University
Shunguang Wei, PhD, University of Iowa

14:20 -14:35 Haobo Li, PhD, Harvard University

Epi(c)- transcriptional Regulation of Cardiac Response to Exercise

14:35 -14:50 Shijie Liu, PhD, Cincinnati Children's Hospital Medical Center

YAP Promotes Microtubule Growth to Facilitate Sarcomere Disassembly in Adult Cardiomyocytes

14:50 -15:05 Guoping Li, PhD, Harvard University

tRNA Cleavage: A Molecular Switch for Renal and Cardiac Protection

15:05 -15:20 Wei Shi, PhD, University of Nebraska

Stage-Specific Roles of CHD4 in Embryonic and Postnatal Hearts

15: 20 – 15:50



Coffee Break



Scientific Session II

15:50 – 16:10 Vendor Presentations

Moderators: Jiliang Zhou, MD, PhD, Louisiana State University Health Shreveport
Liya Yin, MD, PhD, University of Arizona College of Medicine

15:50 -15:55 Ming Chen, PhD, Shibeikang LLC

Current R&D Pipeline: Key Candidates and Development Status

15:55 -16:00 Jiaxing Liu, PhD, OBiO Tech.

AAV-Mediated Gene Delivery to Specialized Cardiovascular System: Strategies and Applications

16:00 -16:05 Zhiyi Liu, PhD, LC Sciences.

Delivering certainty in time of uncertainty

16:05 -16:10 Yajing Wang, MD, PhD, University of Alabama at Birmingham, Associate Editor, Cardiology Discovery
Cardiology Discovery Journal Development

16:10 – 17:10 Young Investigator Award Competition (8min talk + 2min Q&A)

Moderators: Wei Shi, PhD, University of Nebraska Medical Center
Xu Xiao, PhD, University of Kentucky College of Medicine

16:10 - 16:20 Tian Hao, PhD, Massachusetts General Hospital/Harvard

Ischemia-Induced tRNA -Derived Small RNA Mitigates Cardiac Fibrosis via Enhancing Autophagic Flux

16:20 - 16:30 Yuxia Li, PhD, Louisiana State University and Agricultural and Mechanical College

Single-cell multi-omics uncovers a gene regulatory network driving cardiac fibroblast function after myocardial infarction and highlights the key role of RUNX transcription factors



- 16:30 - 16:40 Aobo Li, MD, Inspira Health Network
Gender Disparity in Outcomes and Infarct Patterns Among Patients With Dressler Syndrome in Modern Revascularization Era: A Nationwide Analysis
- 16:40 - 16:50 Yufan Yang, PhD, First Affiliated Hospital of Soochow University/Ohio State University
METTL3-mediated m6A methylation of FDX1 promotes cuproptosis and exacerbates myocardial ischemia reperfusion injury
- 16:50 - 17:00 Bing Xu, PhD, University of California, Davis/University of California, Los Angeles
HFrEF and HFpEF model-specific remodeling of subcellular PKA signaling at the ryanodine receptors and SERCA2a
- 17:00 - 17:10 Jing Wang, PhD, University of California, Los Angeles
*Mechanically Activated *snai1b* Coordinates the Initiation of Myocardial Delamination for Trabeculation*

17:10 – 17:40 Keynote Presentation (25min talk + 5min Q&A)

Moderator: Zhao Wang, PhD, City of Hope, Beckman Research Institute

Speaker: Richard Kitsis, MD, Wilf Family Cardiovascular Research Institute at Albert Einstein College of Medicine
Uniting Cell Death Programs in Heart Disease

17:40 – 17:50 Closing Remarks

Hong Chen, PhD (President-elect, ACRE), Boston Children's Hospital, Harvard Medical School
Hanjun Wang, MD (President, CNAHA), University of Nebraska Medical Center

17:50 – 17:55 Group Photo

Auditorium

19:00 – 22:00 Dinner and Award Celebrations

Location: **Nole Special Event Venue, 2001 St. Charles Ave, New Orleans, LA 70130**

[Click for Direction](#) (~10 min driving)
St. Charles Ave Streetcar Route 12: *Tulane/Loyola* → *Josephine St.*

Hosts: Huabo Su, PhD, ACRE Cardiac Council Chair, Medical College of Georgia, Augusta University
Changcheng Zhou, PhD, ACRE Vascular Council Chair, University of California, Riverside
Jidong Fu, PhD, CNAHA Membership Director, Ohio State University
Mingtao Zhao, PhD, CNAHA General Secretary, Nationwide Children's Hospital/The Ohio State University

18:30 - 22:00 **Open Bar** (Drink tickets available from Wei Guo or Liya Yin)

19:00 - 22:00 **Dinner**

20:00 - 20:15 **Presidential Address**

Zhao Wang, PhD, ACRE President, City of Hope, Beckman Research Institute
Hanjun Wang, MD, CNAHA President, University of Nebraska Medical Center

20:15 - 20:30 **AHA Leadership Remarks**

Drs. Nipavan Chiamvimonvat, Konstantinos Drosatos, Åsa Gustafsson, Maria Kontaridis, Eric Lazartigues, Joseph Hill, Xinliang Ma, Farah Sheikh, Philip Tsao, Joseph Wu, Sean Wu, Jianyi (Jay) Zhang

20:30 - 20:45 **Award Announcements**

Moderator: Hong Lu, MD, PhD, University of Kentucky, School of Medicine
Mingtao Zhao, PhD, Nationwide Children's Hospital/The Ohio State University
Plaque Presentation to Keynote Speaker and Bernard Lown Cardiovascular Lectureship Award
Bowen Wang, PhD, ACRE Education/Award Committee, Northwestern University
Xu Xiao, PhD, ACRE Education/Award Committee, University of Kentucky



Acknowledgements

Special Acknowledgements

Tulane University School of Medicine

Local Host: Jialong 'Joe' Zhuo, MD, PhD, Professor of Physiology, Director of Tulane Hypertension & Renal Center of Excellence (THRCE), Tulane University School of Medicine

Qinglin Yang, PhD, Professor, Cardiovascular Center of Excellence
Louisiana State University Health New Orleans

Xing Fu, PhD, Associate Professor, Louisiana State University College of Agriculture

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Cardiology Discovery

Cardiology Discovery (CD) is the official journal of the Chinese Society of Cardiology (CSC) of Chinese Medical Association (CMA). It is an English language, peer-reviewed journal that aims to publish high-quality materials on all aspects of cardiovascular medicine and surgery, including original clinical, epidemiological, basic and translational research, health services and outcomes studies, state-of-the-art reviews, technical evaluations, case reports, editorial, perspective, consensus and guideline papers. CD has an international outlook, that is to create a platform of international collaboration and exchange of cutting-edge information on cardiovascular research and education.



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The organizing task force:

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