

The 17th ACRE-CAAC-CNAHA Joint Research Symposium 2022

7:00 PM, EST, Saturday, November 19, 2022

8:00 AM, Beijing, China, Sunday, November 20, 2022

7:00 PM, Canada, Saturday, November 19, 2022

Virtually available at



Jointly organized by:

- **Academy of Cardiovascular Research Excellence (ACRE)**
- **Chinese American Academy of Cardiology (CAAC)**
- **Chinese American Heart Association (CNAHA)**

Program at-a-glance:

- **Opening**
- **Featured Presentations**
- **Young Investigator Award Competition**
- **CNAHA Bernard Lown Lectureship Presentation**
- **Keynote Presentation**
- **Award Ceremony**
- **Closing**

Free Registration & Abstract Submission at

<https://my-acre.org/>



Opening and Welcome Speeches

7:00 – 7:06 PM

Jiang JC Chang, MD, PhD, President of ACRE

Yabing Chen, PhD, President of CAAC

Xun Ai, MD, President of CNAHA

Featured Scientific Presentations

7:08 – 7:53 PM

Moderators: Lili Zhang, PhD, Boston Children's Hospital, Harvard Medical School

Changcheng Zhou, PhD, University of California, Riverside

Haoyi Zheng, MD, Catholic Health

7:08-7:23 PM Ke Cheng, PhD, North Carolina State University

Title: **Pericardial Exosome Delivery for Heart Repair and Mechanisms**

7:23-7:38 PM Yabing Chen, PhD, University of Alabama at Birmingham

Title: **Vascular Aging: Mechanisms and Therapeutic Potential**

7:38-7:53 PM Hanjun Wang, MD, PhD, University of Nebraska Medical Center

Title: **Neural Crosstalk between Heart and Lungs in Cardiopulmonary Diseases**

Special Presentation

7:55 – 8:03 PM

Animal Models for Cardiovascular Diseases

Dongxiao Feng, PhD

Shanghai Model Organisms Center (USA), LLC

Moderator: Huabo Su, PhD, Augusta University

Young Investigator Award (YIA) Competition

8:05 – 9:33 PM

Moderators: Zhongjie Sun, MD, PhD, University of Tennessee Health Science Center

Hanrui Zhang, MB, PhD, Columbia University Irving Medical Center

Lai-hua Xie, PhD, Rutgers New Jersey Medical School

8:05-8:13 PM Zhentao Zhang, The Ohio State University

Title: **Gata4 Regulates Cardiac Fibrosis via Inhibiting Myofibroblasts Senescence**



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- 8:13-8:21 PM Yang Cao, University of California, Los Angeles
Title: **Liver-heart Cross-talk Medicated by Coagulation Factor XI Protects against Heart Failure**
- 8:21-8:29 PM Mariam Baig, Saint Louis University Hospital
Title: **Imaging Conundrum: The Diagnosis of Unusual Partial Anomalous Pulmonary Venous Return with Dual Connections**
- 8:29-8:37 PM Pramod Ponna, Arizona Heart Rhythm Center
Title: **Substrate Mapping Facilitated Isthmus Identification and Ablation for Atypical Atrial Flutter**
- 8:37-8:45 PM Zhong-He Zhang, Renmin Hospital of Wuhan University
Title: **Clinical Characteristics and Electrophysiologic Properties of SCN5A Variants in Fever-Induced Brugada Syndrome**
- 8:45-8:53 PM Liuqing Yang, University of South Dakota
Title: **Genetic Mimicry of the Activation of 26S Proteasomes by cAMP-dependent Protein Kinase Protects against Proteotoxicity**
- 8:53-9:01 PM Chak Kwong Cheng, The Chinese University of Hong Kong
Title: **The Antioxidant Mitochondrial Protein UCP2 in Endothelial Cells is a Mechanosensitive Suppressor of Atherosclerosis and Inflammation**
- 9:01-9:09 PM Fujie Zhao, University of Alabama at Birmingham
Title: **Adenosine A2A Receptor Deficiency Exacerbates Heart Failure through Promoting Macrophage Recruitment via Cardio-splenic Network**
- 9:09-9:17 PM Lingyue Sun, Shanghai Renji Hospital
Title: **Nuclear Receptor NR1D1 Regulates Abdominal Aortic Aneurysm Development by Targeting the Mitochondrial Tricarboxylic Acid Cycle Enzyme Aconitase-2**
- 9:17-9:25 PM Yong Sun, University of Alabama at Birmingham
Title: **O-GlcNAc Modification on Runx2 Promotes Vascular Calcification**
- 9:25-9:33 PM Yi Dan, University of Arizona
Title: **SOX17 Deficiency Induces Pulmonary Hypertension through E2F1/BRD4 Signaling**

Special Presentation

9:35 – 9:43 PM

Lab Animal Diet – A Critical Part of Your In Vivo Research

Jia-Yu (Holly) Ke, PhD

Research Diet, Inc

Moderator: Hong Chen, PhD, Boston Children's Hospital, Harvard Medical School



CNAHA Bernard Lown Lectureship

9:45 – 10:15 PM

Takotsubo Syndrome: Many Faces of a Stressed Heart

Kan Liu, MD, PhD
University of Iowa

Moderator: Xinge Hu, MD, PhD, The Permanente Medical Group

Keynote Speech

10:17 – 10:47 PM

Target Mitochondrial Mechanisms for Heart Failure Therapy

Rong Tian, MD, PhD
University of Washington

Moderator: Jiang JC Chang, MD, PhD, Texas A&M University

YIA Ceremony and Closing

10:50 – 11 PM

Xuejun XJ Wang, MD, PhD, ACRE
Hong Chen, PhD, CAAC
Xinge Hu, MD, PhD, CNAHA



The 2022 ACRE-CAAC-CNAHA Joint Symposium

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Cells is an international, peer-reviewed, open access journal of cell biology, molecular biology, and biophysics, published semimonthly online by MDPI.



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