



The XIII USA-China Cardiovascular Symposium and China Night

ACRE (Academy of Cardiovascular Research Excellence 恩科心血管研究院)

CAAC (Chinese American Academy of Cardiology 北美中华心脏学会)

CNAHA (Chinese American Heart Association 美国华裔心脏协会)

Marriott Marquis Chicago 2nd floor, 2121 South Prairie Avenue, Chicago, IL, US, 60616

Friday, November 9th, 2018

The lectures are open to all

Speakers will bring their presentations on a flash drive and load slide files on the laptop in the meeting room.

Opening: 12:55 – 1:00 Dr. Gangjian Qin, President elected of ACRE

Session I: Featured Scientific Presentation (1:00 – 2:00 pm)

Chairs: Drs. Faqian Li, Huaizhu Wu

1:00 – 1:20 pm Nitration of Unsaturated Fatty Acids: from Bench to Bedside

Y. Eugene Chen, MD, PhD, Professor of Cardiovascular Medicine, University of Michigan

1:20 – 1:40 pm Non-coding RNAs in Cardiovascular Disease

Chunxiang “Kevin” Zhang, MD, PhD, Professor of Medicine, University of Alabama at Birmingham

1:40 – 2:00 pm Digging For Holes: just what is the mitochondrial pore?

Christopher P. Baines, PhD, Associate Professor of Biomedical Sciences, University of Missouri

Break and Poster Time 2:00 – 2:10 pm

Session IIa: Young Investigator Abstract Oral Presentation (2:10 – 2:55 pm)

Chairs: Drs. Wang Wang, Rongxue (Rosie) Wu

2:10 – 2:25 pm In situ vascular reconstruction by using heparinized PCL/PLLA bilayer nanofibrous scaffolds in a rat model. **Bo Yang**, University of Michigan

2:25 – 2:40 pm YY1 controls endothelial sprouting and angiogenesis via fine-tuning of Notch signaling. **Shu-ya Zhang**, University of Rochester

2:40 – 2:55 pm Endothelial and Smooth Muscle Cell Interaction via FoxM1 Signaling Mediates Vascular Remodeling and Pulmonary Hypertension. **Zhiyu Dai**, Northwestern University

Session IIb: Young Investigator Abstract Oral Presentation (2:55 – 3:40 pm)

Chairs: Drs. Jiliang Zhou, Lu Cai

2:55 – 3:10 pm High efficient therapeutic genome editing in cardiovascular endothelium by nanoparticle delivery of CRISPR plasmid DNA. **Xianming Zhang**, Northwestern University

3:10 – 3:25 pm Chronic β 1-AR Stimulation Increases the Expression of Mitochondrial Calcium Uniporter via CaMKII. **Pei Wang**, University of Washington

3:25 – 3:40 pm PHACTR1 deficiency attenuates atherosclerosis by regulating cholesterol metabolism and inhibiting inflammation in endothelial cells through PPAR γ signaling. **Dongyang Jiang**, Tongji University

Break and Poster Time 3:40 – 3:50 pm

Session III: Featured Scientific Presentation (3:50 – 5:10 pm)

Chairs: Drs. Jiang Chang, Zhenguo Liu, Yabing Chen

3:50 – 4:10 pm Role of Iron in Cardiovascular Disease

Hossein Ardehali, MD, PhD, Professor of Medicine and Pharmacology, Northwestern University

4:10 – 4:30 pm Vascular Detransformation: A New Strategy for Treating Ischemic Diseases

Yi Fan, MD, PhD, Assistant Professor of Radiation Oncology, University of Pennsylvania

4:30 – 4:50 pm EndMT in Pulmonary Arterial Hypertension

Jason X.-J. Yuan, MD, PhD, Professor of Medicine, the University of Arizona

4:50 – 5:10 pm Pathogenic Mechanism of a Catecholaminergic Polymorphic Ventricular Tachycardia Causing-Mutation in Cardiac Calcium Release Channel RyR2

Zheng Liu, PhD, Professor and Associate Director of Pan-Vascular Research Institute, Tongji University School of Medicine, China

Break and Poster Time 5:10 – 5:20 pm

Session IV: CNAHA Bernard Lown Lectureship: (5:20 – 5:50 pm)

Chairs: Drs. Yuxin Fan, Jianming Li, Hua Zhu

Stress Signaling: New Pathway and Mechanisms in Atrial Fibrillation

Xun Ai, MD, PhD, Associate Professor, Department of Physiology & Biophysics, Director, Human Tissue & Cell & Blood Core, Rush University Medical Center

China Night

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Chairs: Drs. Gangjian Qin, Jianming Li, and Yabing Chen

Dinner (7:00–8:00 pm)

Welcome Speeches (8:00–8:20 pm)

Jianyi Jay Zhang, MD, PhD, President of ACRE

Hong Wang, MD, PhD, Co-President of CAAC

Yuxin Fan, MD, PhD, Past President and Director of Scientific Council, CNAHA

Leadership Remarks (8:20–8:50pm)

Joseph Wu, MD, PhD, Chair, AHA Council on BCVS

Mary Sorci-Thomas, PhD, Chair, AHA Council on ATVB

Thomas J Wang, MD, Chair, AHA Council on GPM

Thomas Deering, MD, President, Heart Rhythm Society

Joseph Hill, MD, PhD, Editor-in-Chief, Circulation

Roberto Bolli, MD, Editor-in-Chief, Circulation Research

Alan Daugherty, PhD, Editor-in-Chief, ATVB

Ya-Wei Xu, MD, PhD, Chair, Internal Medicine, 10th Renmin Hospital, Tongji University School of Medicine

Ronglih Liao, PhD, Immediate Past Chair, AHA Council on BCVS

Steve Lentz, PhD, Immediate Past Chair, AHA Council on ATVB

Sidney Smith, Jr., MD, Past President, AHA and World Heart Federation

Keynote Speech (8:50–9:50 pm)

Introduced by Dr. Jianyi (Jay) Zhang (5 min)

“Stem Cells & Genomics for Precision Medicine”

Dr. Joseph Wu

Director of Stanford Cardiovascular Institute, Stanford University

Award Ceremony (10:00-10:15 pm)

Young Investigator Award

Chairs: Drs. Wang Wang, Jiliang Zhou, Jiang Chang

Best Young Cardiology Physician Clinical Competition Award

Chairs: Drs. Ya-Wei Xu, Jianming Li

The First Place: Dr. Mei Dong

The Second Place: Dr. Wenliang Tan

The Third Place: Dr. Yi Luan

Social Networking (10:15-11:30pm)

The XIII USA-China CVD Symposium & China Night 2018 Organizing Committee:

Co-Chairs: Jianyi Jay Zhang, Hong Wang, Yuxin Fan, Gangjian Qin

Members: Jiang Chang, Faqian Li, Lu Cai, Wang Wang, Rongxue (Rosie) Wu, Hua Zhu, Jianming Li, Li Zhang, Zhenguo Liu, Chunxiang Zhang, Shaodong Guo, Yabing Chen, Changcheng Zhou, Qinglin Yang, Jiliang Zhou, Huaizhu Wu, Li Chen, Xiushi Liu.

Sponsors:

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