



## The 7th ACRE-APS Symposium 2020

**7:00 PM – 11:00 PM, Eastern Standard Time, Saturday, August 8, 2020**

Zoom virtual meeting: 404 363 8628

<https://us02web.zoom.us/j/4043638628>

Contact: Dr. Zhao Wang (646-546-4695) and Dr. Faqian Li (605-338-9987)

### Opening Remarks

7:00 – 7:05 Dr. Gangjian (GQ) Qin, President of ACRE

### Session I Young Investigator Award presentation.

Moderator: Dr. Faqian Li

7:05 – 7:25 Small GTPase RhoE fine-tunes inflammatory response in myocardial infarction.

Yuan Dai.

Texas A&M University.

7:25 – 7:45 Modulation of hypoxia induced factor 1  $\alpha$  for protecting against myocardial infarction.

Bingchuan Geng.

The Ohio State University.

7:45 – 8:05 Metabolic labeling permits tracking of cardiomyocyte-specific miRNAs (CMmiRs) in the circulation and in peripheral organs at homeostasis and after acute myocardial infarction (AMI).

Chaoshan Han.

University of Alabama at Birmingham.

### Session II Featured Presentation.

Moderator: Dr. Rongxue (Rosie) Wu

8:10 – 8:40 Priming the proteasome to treat heart failure.

Xuejun "XJ" Wang, PhD.

Professor, Division of Basic Biomedical Sciences

Director, The Physician Scientist Program

University of South Dakota Sanford School of Medicine

### Session III Junior Faculty Award presentation.

Moderator: Dr. Zhao Wang

8:45 – 9:05 Ubiquitin-fold modifier 1 (UFM1), a small protein modifier with big impact on pathological cardiac remodeling.

Jie Li.

Augusta University.

9:05 – 9:25 Analysis of mesenchymal stem cell proteomes in situ in the ischemic heart.

Junjie Yang.

University of Alabama at Birmingham.



9:25 – 9:45 The Non-coding Transcript and A Peptide Encoded by an Annotated Long Non-coding RNA Coordinately Regulate Smooth Muscle Plasticity and Vascular Remodeling.  
Junyi Yu.  
The Third Military Medical University.

**Session IV Featured Presentation.**

Moderator: Dr. Qiangrong Liang

9:50 – 10:20 Cardiac metabolism, mitochondrial energetics and molecular mechanisms of diabetic cardiomyopathy.

E. Dale Abel, MD, PhD

Member, National Academy of Medicine

François M. Abboud Chair in Internal Medicine

John B. Stokes III Chair in Diabetes Research

Chair and Department Executive Officer, Department of Internal Medicine

Director: Fraternal Order of Eagles Diabetes Research Center

Professor of Medicine, Biochemistry and Biomedical Engineering

University of Iowa, Carver College of Medicine

**Award Announcement.**

10:20 – 10:25 Dr. Hua Zhu

**Closing Remarks**

10:25 – 10:30 Dr. Shaodong Guo

10:30 – 10:35 Dr. Jiang (JC) Chang, President-elect of ACRE

**Acknowledgments**

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