

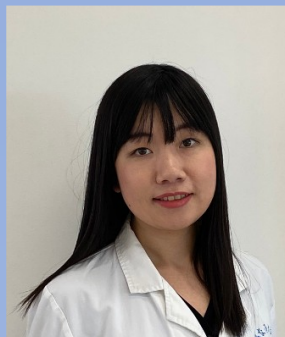


Academy of Cardiovascular Research Excellence
(ACRE)



Chinese American Academy of Cardiology
(CAAC)

ACRE-CAAC Joint Seminar Series



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RNA Metabolism in Heart Physiology – Life Beyond Transcription

Moderator: Ming-Hui Zou, MD, PhD

Professor

Georgia Research Alliance Eminent Scholar in Molecular Medicine
Director, Center for Molecular and Translational Medicine
Associate Vice President for Research, Georgia State University

April 28, 2021, Wednesday

12 PM- 1PM, EST

11 AM - 12 PM, CST

9 AM - 10 AM, PST

Zoom: 879 8188 3755

*For more information about future seminars,
please visit my-acre.org; mycaac.org*

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RNA Metabolism in Heart Physiology – Life Beyond Transcription

RNA metabolism from synthesis, processing, translation to degradation is an integrated process of gene regulation that ultimately determines the overall transcriptome complexity and reprogramming in pathophysiology. RNA binding proteins are central to every step of RNA processing. Although much progress is made in transcriptional regulation, there is still a major gap in our current knowledge about post-transcriptional regulation in the onset and the progression of heart diseases. Therefore, establishing the functional roles of post-transcriptional RNA processing regulation in the context of heart failure should hold major promise to uncover novel disease mechanism and new potential therapeutic targets. This study focuses on discovering and characterizing key RNA processing regulators in post-transcriptional regulation important to heart failure and cardiometabolic disorder.