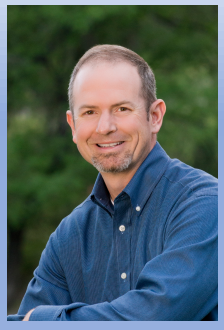
The 11th

Academy of Cardiovascular Research Excellence (ACRE)

Chinese American Academy of Cardiology (CAAC)

ACRE-CAAC Joint Seminar Series



Timothy A. McKinsey, PhD
Professor & Associate Division Head for Translational Research
Joseph and Rose LaConte Endowed Chair in Cardiology
Director, Consortium for Fibrosis Research & Translation
Department of Medicine, Division of Cardiology
University of Colorado Anschutz Medical Campus

HDAC11: A Lysine Demyristoylase That Promotes Pathological Fat-to-Heart Crosstalk

Moderator: Jie Li, MD, PhD
Assistant Professor of Medicine
Division of Cardiology, Medical College of Georgia
Augusta University

June 9, 2021, Wednesday
12 PM– 1PM, EST
11 AM – 12 PM, CST
9 AM – 10 AM, PST

Zoom: 860 9806 0870

For more information about the past and future seminars, please visit my-acre.org or mycaac.org

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N-myristoylation on glycine is an irreversible modification that has long been recognized to control protein localization and function. In contrast, the biological roles of lysine myristoylation remain poorly defined. Dr. McKinsey will describe how reversible lysine myristoylation, governed by histone deacetylase 11 (HDAC11), regulates beta-adrenergic receptor signaling in adipose tissue, and how inhibition of HDAC11 blocks pathological fat-to-heart crosstalk.