

Endocrinology, Diabetes & Metabolism Grand Rounds

CME provided by The University of Arizona College of Medicine - Tucson



SPEAKER: Lily Q. Dong, PhD

Professor, Department of Cell Systems & Anatomy, & Department of Pharmacology,
University of Texas Health San Antonio (UTHSA)

TOPIC: "The Role of Adiponectin Signaling in Glucose and Lipid Metabolism"

Room 5403, College of Medicine-Tucson

DATE: 11/14/17 TIME: 3:00-4:00

Adiponectin is an adipokine with insulin sensitizing and anti-inflammatory properties. During the past fifteen years, we have been investigating the signaling mechanisms underlying adiponectin function, focusing on several key adiponectin signaling molecules such as the adiponectin receptor binding protein APPL1. In this presentation, I will present:

Outcome Objectives:

- 1) APPL1 positively mediates adiponectin signaling in cells and in vivo, and plays a critical role in the crosstalk between adiponectin and insulin signal pathways
- 2) APPL2, an isoform of APPL1, negatively regulates adiponectin signaling. We proposed that APPL1/APPL2 isoforms function as an integrated "Yin-Yang" regulator of adiponectin signaling.
- 3) Our new findings on the identification and characterization of novel molecules that regulate the APPL1/APPL2 "Yin-Yang" machinery and glucose/lipid homeostasis.

Accreditation Statement:

The University of Arizona College of Medicine - Tucson is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Arizona College of Medicine - Tucson designates this live activity for a maximum of **1.0 AMA PRA Category 1 Credit(s)**[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement(s):

All Faculty, CME Planning Committee Members, and the CME Office Reviewers have disclosed that they have no financial relationships with commercial interests that would constitute a conflict of interest concerning this CME activity.

Question? Fellowship Program Coordinator Regina Warren, 626-6376, rwarren@deptofmed.arizona.edu



THE UNIVERSITY OF ARIZONA

College of Medicine

Tucson

1501 N. Campbell Ave.