



## SEMINARS IN HUMAN AND TRANSLATIONAL IMMUNOLOGY

*Presented by*

**Yale School of Medicine, Human and Translational Immunology Program**

# **“Oscillatory mitochondrial energy sensing via ADP privation: From mitochondrial GTP to beta-cell therapy”**

**Richard Kibbey, MD, PhD**

**Associate Professor of Medicine (Endocrinology) and of Cellular & Molecular Physiology, Yale School of Medicine**

Date/Time: Tuesday, November 12, 2019 at 4pm

Location: The Anlyan Center – TAC N203

Seminar Host: Dr. Li Wen

Course Directors: Dr. Stephanie Eisenbarth and Dr. Carrie Lucas

*There is no corporate support for this activity. This activity is not supported by any educational grants.  
This course will fulfill the licensure requirement set forth by the State of Connecticut*

### **ACCREDITATION**

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

### **TARGET AUDIENCE**

The target audience for the HTI Seminar Series comprises attending faculty, clinical and basic scientists, community physicians, nurses, residents, fellows, and students.

### **NEEDS ASSESSMENT**

The HTI Seminar Series seeks to review the scientific basis for choice of immunologically related therapeutic targets in various diseases, including organ-specific and systemic autoimmunity, allergy, transplant rejection, cancer, and infectious diseases. The goal is to help understand the rationale and mechanism underlying the major pharmacologic approaches for interventional immunology in current practice and review the data on the different therapeutic approaches in different specialties.

### **LEARNING OBJECTIVES**

At the conclusion of this activity, participants will be able to:

1. Describe how mitochondria are able to sense and respond to their energetic environment
2. Discuss the application of stable isotope methods in measuring precision mitochondrial metabolism
3. Identify the roles of oscillatory mitochondrial GTP and phosphoenolpyruvate in glucose stimulated insulin secretion

### **DESIGNATION STATEMENT**

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

### **FACULTY DISCLOSURES**

Richard Kibbey: None

Stephanie Eisenbarth: None

Carrie Lucas: None

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