



## DEPARTMENT OF BASIC MEDICAL SCIENCES SEMINAR SERIES

*A weekly lecture series covering diverse topics in the biomedical sciences*

### **Seminar Title: Novel Regulation of mTORC1-Mediated Hepatic Lipogenesis**



**Thursday, January 29, 2026**

**12 p.m. - 1 p.m.**

**PLEASE JOIN US IN-PERSON**

Health Sciences Education Building (HSEB)

B302 Classroom

435 N. 5th Street, Phoenix AZ 85004

**Fredric Edward Wondisford, MD, MS, MBA**

Dean, University of Arizona College of Medicine – Phoenix

### **Learning Objectives**

1. Discuss nutritional and growth factor regulation of target of rapamycin (TOR) proteins
2. Explore the regulation of lipogenesis in health and disease
3. Define a new nutrient regulatory pathway for mTORC1

*Fredric Edward Wondisford, MD, MS, MBA, is a renowned clinician, professor and inventor, having spent the majority of his career in academic medicine and translational research. As dean, he works collaboratively with teams at the college and its clinical partners to improve the health of communities in Arizona and beyond through education, clinical care and research.*

*As a physician-researcher, Dr. Wondisford developed, patented and clinically launched Thyrogen<sup>®</sup>, a form of recombinant thyroid-stimulating hormone that changed the standard of care for patients with thyroid cancer. He has three patent applications pending for inventions related to diabetes and fatty liver disease.*

ZOOM: <https://arizona.zoom.us/j/84524929222>

**BMS Host:**

**Taben Hale, PhD**



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