# Where Knowledge is Created and Shared Yale Pathology

# Pathology Grand Rounds

## Thursday, November 4th 12:30-1:30pm

Hosted by: Chen Liu, MD, PhD



### Mark A. Atkinson, PhD

American Diabetes Association Eminent Scholar; Jeffrey Keene Family Professor; Departments of Pathology, Immunology and Laboratory Medicine / Pediatrics; College of Medicine, University of Florida

Lessons from the human pancreas – Rewriting the textbooks on how type 1

### diabetes develops

**Needs:** To update the attendee on modern thoughts on how type 1 diabetes develops; to explain how emerging views on type 1 diabetes pathogenesis will and have modified thoughts towards attempts at disease prevention and cure; to convey how modern technologies, combined with tissue samples, are revolutionizing our understanding of type 1 diabetes pathogenesis

**Objectives:** Understand, in modern terms, how type 1 diabetes develops in humans, from a pathogenic perspective; Appreciate the differences between mouse models and human type 1 diabetes, from the perspective of the pancreas; Improve attempts at clinically impacting the disease, from an immunological or metabolic perspective and, understand disease heterogeneity







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