Hepatic insulin action regulates lipoprotein and bile acid metabolism

Lipoprotein and bile acid metabolism become dysregulated during insulin resistance, and may contribute to cardiometabolic disease progression, although the mechanisms are not fully elucidated. My laboratory’s research has uncovered a novel role of the insulin-regulated FoxO transcription factors to regulate cholesterol transport, lipoprotein turnover, and catabolism of cholesterol into bile acids. This provides a mechanism by which alterations in hepatic signaling crosstalk with multiple tissues in the progression of cardiometabolic disease.

Thursday February 13th, 2020
11:00 AM-12:00 PM
MR5 3005

Hosted by: Mete Civelek, PhD
Refreshments Served