

## NIDDK P30 Center for Molecular Studies in Digestive and Liver Diseases Research Seminar



David M. Merrick, MD, PhD Assistant Professor of Medicine Director of Human Metabolic Tissue Bank Institute for Diabetes Obesity and Metabolism Division of Medicine, University of Pennsylvania

> "Contribution of biomechanical forces and immune crosstalk to mesenchymal progenitor identity in obesity" Thursday, December 8, 2022 12:00 – 1:00 PM EST 901 Biomedical Research Building

Obesity and the metabolic syndrome represent a profound public health challenge for which there are few effective therapeutics. Fundamentally, obesity arises in the setting of nutrient excess, which stimulates adipose tissue expansion. The healthy growth of adipose tissue depends on the capacity of progenitor cells to undergo de novo adipogenesis. However, the cellular hierarchy and mechanisms governing adipocyte progenitor lineage allocation are poorly understood.

The meeting will start promptly at 12:00 pm. Please be on time.