The Robert M. Berne Cardiovascular Research Center Presents

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Multi-tissue Multi-omics Modeling of Cardiometabolic Diseases

Our research is focused on applying multi-tissue multi-omics systems biology approaches to understand gene networks perturbed by genetic and environmental risks of various cardiometabolic diseases. In particular, we integrate GWAS, transcriptome, epigenome, and microbiome to elucidate systems-level networks and critical regulators either specific to individual diseases or shared between diseases at tissue and single cell resolution. The systems and network level insights will help guide the development of network-based medicine for common cardiometabolic diseases.

Thursday March 21st, 2019
11:00 AM-12:00 PM
MR5 3005

Hosted by: Mete Civelek, PhD
Refreshments Served