



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



Struan A. Grant, PhD

Professor of Pediatrics in Genetics, University of Pennsylvania School of Medicine

Professor of Pediatrics, University of Pennsylvania School of Medicine

Professor of Pediatrics in Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine

"Variant-to-Gene Mapping for Common Complex Traits"
Thursday, September 8, 2022

12:00 – 1:00 PM EST
901 Biomedical Research Building

Dr. Grant has been conducting human genomics research for over 20 years. The highlights of his career are the discovery of the polymorphic Sp1 site in the COL1A1 gene and its association with osteoporosis, the identification of variation in the TCF7L2 gene playing a key role in conferring type 2 diabetes risk and providing leadership in an international genetics effort to characterize genes influencing birth weight and common childhood obesity risk. He has also previously played a role in uncovering genes involved in multiple other traits. As a Director of the Center for Spatial and Functional Genomics at the Children's Hospital of Philadelphia, Dr. Grant's current work primarily involves investigating disease genomics with a specific focus on pediatrics. Utilizing high-throughput genotyping and sequencing technologies, combined with statistical and bioinformatic approaches, his goals include unraveling genomic puzzles related to principally pediatric metabolic traits.

The meeting will start promptly at 12:00 pm. Please be on time.
Everyone inside and outside of the division is welcome to attend.