



PNGC

Penn Neurodegeneration
Genomics Center

2018 - 2019 SEMINAR SERIES

Considerations of Precision Medicine and Human Genetics Guided Drug Discovery for Alzheimer's Disease

ABSTRACT

Alzheimer's disease (AD) is the most common cause of dementia and highly heritable and more than 30 genes have been identified for late onset AD. Recent evaluation of previous clinical trials illustrates that three aspects of human data including human genetic link to indication, biomarker availability, and companion patient selection markers, of a drug target dramatically improve success rate in pharmaceutical trials. However, there are pitfalls on this approach because we are lack of understandings on how to use human genetics and genomics data in precision medicine and drug discovery for AD.

Gyungah R. Jun, Ph.D.

*Assistant Professor of Medicine
Boston University School of Medicine*



**Tuesday,
October 30, 2018**

at 12:00pm

John Morgan Reunion Auditorium