



CVR / NBD RESEARCH SEMINAR

The role of cholesterol homeostasis in pseudoexfoliation syndrome

Seminar Details

Speaker:	Dr Wang Zhenxun Research Scientist, Genome Institute of Singapore Adj Asst Professor, Centre for Vision Research
Host:	Prof Jonathan Crowston Director Centre for Vision Research Neuroscience and Behavioural Disorder Programme, Duke-NUS
Date:	23 February 2021, Tuesday
Time:	12:00pm to 1:00pm https://nus-sg.zoom.us/j/89767759903?pwd=YVlzeXlEdEpWWDFlEgPWNE1pVjF4UT09 Meeting ID: 897 6775 9903 Password: 259170
Contact Person:	Jacqueline Ho (jacqueline.ho@duke-nus.edu.sg) Neuroscience & Behavioural Disorders Programme, Duke-NUS

Seminar Abstract

Pseudoexfoliation syndrome is characterized by the accumulation of abnormal fibrillar deposits in the front of the eye. This is a common cause of glaucoma and a major cause of irreversible blindness worldwide. To date, it is unclear from where, and how this deposition occurs. Here, I will present data from our recent large-cohort exon sequencing campaign which suggests that altered cholesterol homeostasis could be a key player in driving this pathogenic deposition in the eye.

Speaker's Profile



Dr Wang obtained his PhD from Cold Spring Harbor Laboratory in 2012. As a postdoctoral fellow at the Genome Institute of Singapore, he discovered druggable metabolic dependencies in cancer stem cells. More recently, he has pivoted to the field of functional genomics and is currently working towards deciphering the roles of glaucoma risk genes in glaucoma pathophysiology.

All are welcome. No registration is required.