

## INVITED SPEAKER SEMINAR



NEUROSCIENCE &  
BEHAVIOURAL  
DISORDERS

### Is Na<sup>+</sup>/K<sup>+</sup> ATPase A Target to Treat Parkinson's Disease?

<b>Speaker:</b>	<b>Prof Bian Jinsong</b> Professor, Head of Department of Pharmacology Southern University of Science and Technology China
<b>Host:</b>	<b>Asst Prof Alfred Sun</b> Principal Investigator Neuroscience & Behavioural Disorders Programme, Duke-NUS
<b>Date:</b>	9 April 2021, Friday
<b>Time:</b>	12:00pm to 1:00pm
	<b>Join Zoom Meeting</b> <a href="https://nus-sg.zoom.us/j/88287460057?pwd=MXdDNzFCV1BUVhUN3hHa1FYRDU3dz09">https://nus-sg.zoom.us/j/88287460057?pwd=MXdDNzFCV1BUVhUN3hHa1FYRDU3dz09</a>
	<b>Meeting ID: 882 8746 0057</b> <b>Password: 673177</b>
<b>Contact Person:</b>	<b>Jacqueline Ho (jacqueline.ho@duke-nus.edu.sg)</b> Neuroscience & Behavioural Disorders Programme, Duke-NUS

#### Seminar Abstract

Na<sup>+</sup>/K<sup>+</sup>-ATPase (NKA) plays important roles in maintaining cellular homeostasis. However, little is known about the function of NKA in the pathogenesis of Parkinson's disease (PD). Here, we report that NKA activity is neuroprotective and that an antibody against the DR region of NKA represents a new therapeutic strategy for the treatment of PD.

#### Speaker's Profile



Prof Jinsong Bian earned his PhD degree from the University of Hong Kong in 2000. He then went on to complete his post-doctoral training under an American Heart Association Fellowship at the Albert Einstein College of Medicine in New York, USA in 2003. He has published over 130 papers in journals including *Circ Res*, *Sci Adv*, *JASN*, *Redox Biology*. His main research interests include 1. Novel functions of Na<sup>+</sup>/K<sup>+</sup> ATPase. 2. Biology of hydrogen sulfide.

*All are welcome. No registration is required.*



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