



# Seminar Announcement

## The Multiple Roles of POPX2 Phosphatase in Cancer Metastasis

**Date:** 16 April 2021, Friday

**Time:** 4pm

**Venue:** Classroom 1, SBS

POPX2 phosphatase is a serine/threonine phosphatase which has been implicated in cancer metastasis. The levels of POPX2 are positively correlated to cell motility and invasiveness of cancer cells. The calcium calmodulin kinase II (CaMKII) and p21-activated kinase (PAK) are the first reported substrates of POPX2. Till date, many other substrates and interacting proteins of POPX2 have been reported. Knowing the identities and physiological roles of these binding partners will allow us to find out how POPX2 regulate metastasis and other cellular functions. In this seminar, I will discuss the different approaches our laboratory has adopted to discover new POPX2 interacting proteins and how these proteins can contribute to the functions of POPX2.



### **Speaker:**

**Koh Cheng Gee**  
Associate Professor  
School of Biological Sciences  
Nanyang Technological University