Endocytosis: *In vitro* Assembly and *in vivo* Collectivity

Date: 13 August 2019  
Time: 2.30 p.m.  
Venue: Classroom 4, SBS  
Hosted By: A/P Koh Cheng Gee

My lab is interested in the regulation of endocytic trafficking which is essential for the homeostasis of the plasma membrane. In my talk, I will introduce our work on the reconstitution of the endocytic machinery which aims to better understand the dynamics of clathrin assembly and its connection with cargo sorting. I will also talk about the coordination of endocytosis at subcellular level. Here I will describe an ordered assembly of endocytic proteins in the forms of oscillations and travelling waves. The implications of such non-linear dynamical process for cortical organization will be briefly discussed.

Speaker:  
Wu Min  
Associate Professor,  
Department of Biological Sciences  
Mechanobiology Institute,  
National University of Singapore