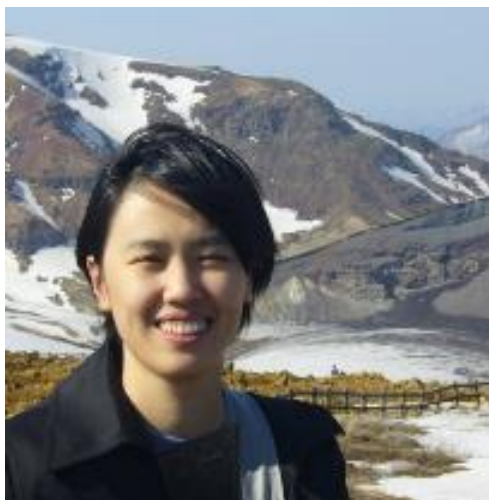


[Speaker Abstract & Biography]



Title: Podoplanin in macrophages during *Helicobacter pylori* infection

Name: Dr Won-Fen Wong

Position & Affiliation: Senior Lecturer, Department of Medical Microbiology, Faculty of Medicine

Abstract:

Podoplanin (Pdpn) is a mucin-type transmembrane protein that has been implicated in multiple physiological settings. Here, we reported a substantial upregulation of Pdpn in macrophages following *Helicobacter pylori* infection. Pdpn-knockout macrophages demonstrated impaired migration due to attenuated filopodia formation suggesting its ability to modulate macrophage migration.

Biography

Dr Wong obtained her PhD from Tohoku University, Japan, and worked as Japan Society for the Promotion of Science (JSPS) postdoctoral fellow before joining Department of Medical Microbiology at the University of Malaya. She is also a Fulbright visiting scholar to University of Texas at San Antonio. Her main research focus is to elucidate the immunological response of the host to oncogenic bacteria including *Helicobacter pylori* and *Chlamydia trachomatis*.

Curriculum Vitae: <https://umexpert.um.edu.my/wonfen.html>