

ORAL DEFENCE ANNOUNCEMENT



ONG WEE KONG

Reactive Oxygen Species-Mediated Cancer Therapy with Silica-Based Nanoparticles

Reactive oxygen species (ROS) is important for the well-being of cells since they served as messengers. However, too much ROS will kill them because of their high reactivity. This can be exploited for ROS-mediated cancer therapy. Nanoparticles made from silica and ROS-producing agents have been successfully synthesized. They can manipulate the ROS within cancer cells by raising it to a lethal level.

Date:	11 Mar 2020
Time:	10.00 AM
Venue:	Conference Room, Research & Graduate Studies Office, Level 2, SPMS
Supervisor:	Prof Zhao Yanli