



Infectious Diseases Research Institute Seminar Series

New Insights into Antimicrobial Resistance Mechanisms

Date: Tuesday, 21 May 2019
Venue: L1-S2, Level 1 Academia
Time: 01:00 - 02:00 PM

Lunch will be served from 12:30 PM
onwards

The talks will feature how starvation-promoted protein longevity plays a role in antibiotic persistence and a better understanding of action mechanisms of antibiotic and drug resistance involving ribosome protection.

No registration is required. CME
Points will be awarded subject to
SMC event approval.

“Protein longevity as a wake-up call for dormant cells”



Dr. Jinki Yeom

Assistant Professor, Programme in Emerging Infectious Diseases,
Duke-NUS Medical School

- Ph.D in Microbiology (Korea University).
- Worked at Dept. of Microbial Pathogenesis, Yale School of Medicine
- Research Interests: bacterial oxidative stress response and bacterial proteolysis that regulates antibiotic resistance

“Ribosome protection: an emerging antimicrobial resistance mechanism”



Dr. Yonggui Gao

Associate Professor, School of Biological Science and Institute of Structural Biology,
Nanyang Technological University

- PhD from Zhejiang University (China) and scientific training from Hokkaido University (Japan) and Medical Research Council Laboratory of Molecular Biology (Cambridge, UK)
- Research Interests: molecular mechanism of antibiotic targeting ribosome and antimicrobial compound development and pathogen-host interaction relevant to drug resistance