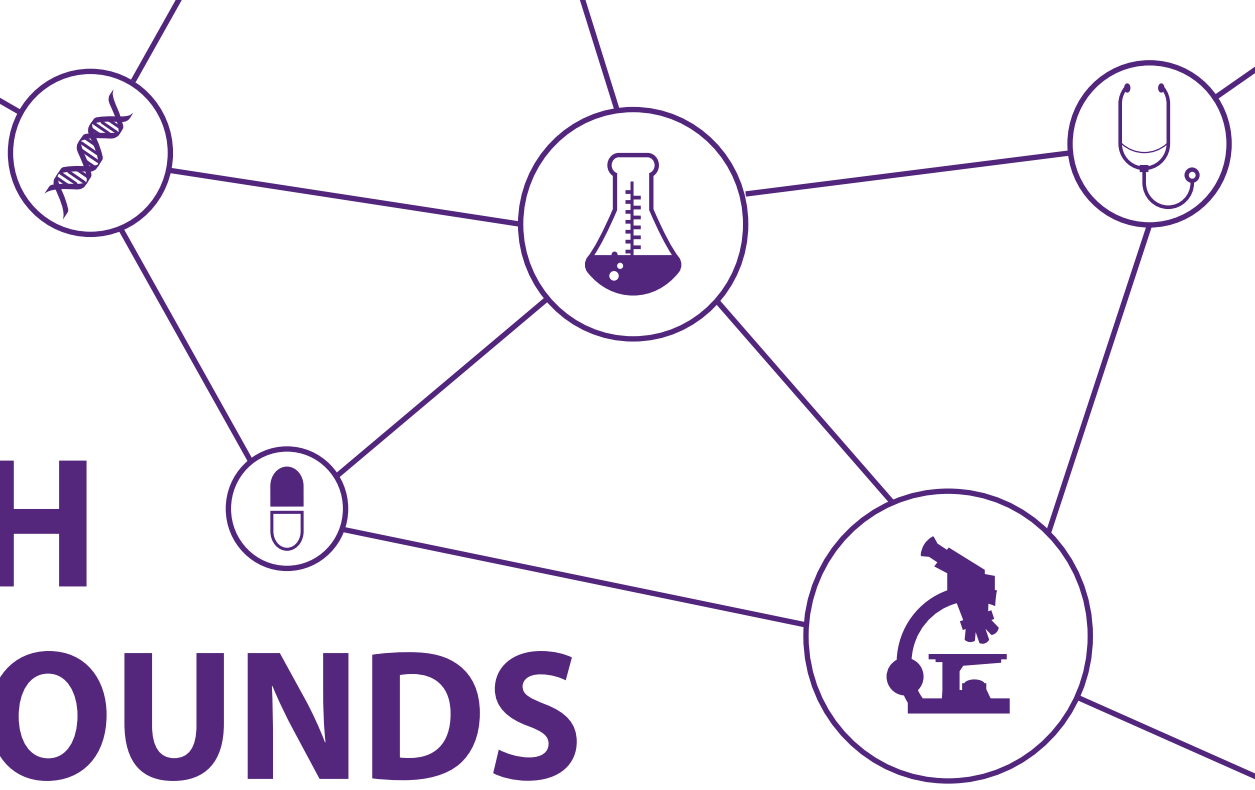




Academic Medicine
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RESEARCH GRAND ROUNDS



Bacteriophages as a Therapeutic Agent – From Dumps to Trumps?

There is an increasing interest in non-traditional antibacterial therapeutics and innovative approaches to effectively treat difficult-to-treat infections and eradicate biofilms.

Bacteriophages are generally regarded as safe by the Food and Drug Administration (FDA), with billions of phages ingested every day in our food and water, present in our gut and on our skin. As such, bacteriophage therapy is gaining significant renewed interest after several high-profile clinical successes where patients with untreatable bacterial infections made successful recoveries upon receiving customised phage cocktails. Join Dr Andrea Kwa and Dr Wilfried Moreira as they set out to discuss what is phage therapy.

Wednesday, 19 July 2023
12:30pm to 1:30pm
via Zoom Webinar



CME and CPE points
may be awarded.

Register for free now at
<https://shoor.qrd.by/RGR19Jul2023>

Speakers



Dr Andrea Kwa

*Deputy Director (Research), Pharmacy, Singapore General Hospital (SGH)
Associate Professor, Emerging Infectious Diseases Programme, Duke-NUS Medical School*

- A keen trainer both in the research and clinical arenas of critical care and infectious diseases, specializing in critical care medicine, infectious diseases and antimicrobial resistance research
- More than 20 years of clinical expertise and her research focus is of translational nature with direct applicability to patients with difficult-to-treat infections in the near future
- Part of the Health Manpower Development Plan (HMDP) team with Dr Jasmine Chung



Dr Wilfried Moreira

Principal Investigator and Senior Research Fellow, Singapore Centre for Environmental Life Sciences Engineering (SCElse) - National University of Singapore (NUS)

- A Molecular Microbiologist by training with over 10 years of experience in antimicrobial resistance, and has developed a bacteriophage isolation and engineering platform
- Research interests include the identification of novel and vulnerable resistance pathways in pathogenic bacteria, and the development of bacteriophage-derived technologies
- Previously held an appointment as Director for Research of the Antimicrobial Resistance Program at the Singapore-MIT Alliance for Research and Technology (SMART) centre

Facilitator



Dr Jasmine Chung

*Director, Antimicrobial Stewardship Unit, Singapore General Hospital (SGH)
Senior Consultant, Department of Infectious Diseases, Singapore General Hospital (SGH)*

- An infectious diseases physician with special interest in infections in the immunocompromised hosts, and transplant-related infections as well as management of refractory or resistant infections.
- Completed a HMDP team fellowship and visited the Center for Innovative Phage Applications and Therapeutics (IPATH) at University California San Diego