

Overview of Antimicrobial Resistance in Singapore

Dr Li Yang Hsu

Antimicrobial resistance is a global public health threat, with separate yet complementary trends in the hospitals and community as well as in the livestock and environment. South and Southeast Asian countries are known to have a high prevalence of antibiotic-resistant pathogens, and Singapore is little different. In this short presentation, I will provide an overview of the problem of antimicrobial resistance in Singapore, in particular in local hospitals. I hope to be able to discuss with the audience the ethical significance of antimicrobial resistance in several scenarios that will add a difference dimension to the biomedical and social understanding of the issue.

Short bio:

Dr Li Yang HSU, MBBS (Singapore), MPH (Harvard), is an infectious diseases physician with private sector experience who is Head of the Department of Infectious Diseases at Tan Tock Seng Hospital and Programme Leader of the Antimicrobial Resistance Programme at the Saw Swee Hock School of Public Health. He is also the Director of the Singapore Infectious Diseases Initiative which was established to spur collaborative biomedical and clinical research in infectious diseases. His areas of research include the epidemiology of methicillin-resistant *Staphylococcus aureus* as well as the clinical and socioeconomic impact of antimicrobial resistance.