

Course Title/Code:	Current Topics in Medical Microbiology (MMPH6119)
Department:	Microbiology
Objective:	To provide students with an overview on laboratory safety and on current issues in medical microbiology.
Content:	Safety in the microbiology laboratory, microbial pathogenesis, emerging bacterial & viral infections, laboratory automation in microbiology, rapid diagnostic methods, quality improvement and quality control.
Learning outcomes:	<p>On completion of the course, the students are expected to:</p> <ul style="list-style-type: none"> • describe commonly used technologies and hot topics in microbiology • acquire knowledge in the areas of medical microbiology including diagnostic microbiology, antimicrobial resistance, molecular diagnosis of infectious diseases, microbes and diseases, zoonotic diseases, emerging viral infections, laboratory safety, medical bioinformatics and host-pathogen interaction • recognize basis and applications of infection control
Prerequisite:	None
Duration:	16 hours of lectures, 12 hours of laboratory attachment
Assessment:	<p>Student seminar presentation (40%) Writing report on selected topic (60%)</p>
Remarks:	Also offered to RPg from other Faculties at HKU