

Course Title/Code:	HKU - Pasteur Immunology Course (MMPH6174)
Department:	HKU-Pasteur Research Pole
Objectives:	The principal objective of the HKU-Pasteur course is to train a small, selected number of international students at the Master/MPhil and early PhD level in an interactive classroom setting. The course is intended to be a platform of excellence in which students can meet and closely interact with worldwide top-level scientists to discuss, exchange ideas and establish valuable contacts in the perspective of strengthening a regional network of competent immunologists. Students will be able to understand the importance of fundamental research and a broad interdisciplinary approach to understand the function of the immune system and its response to pathogens and other diseases such as cancer. We also expect to provide orientations and mentoring to help students in their future career.
Content:	This course provides advanced training for students that are beginning research in immunology. It is composed of lectures given by leading scientists, and practical workshops organized together with local and/or invited teams which are supervised by junior faculty members. The Immunology course focuses each year on a different topic selected in concertation with the course directors, including innate immunity, inflammation, mucosal immunity, vaccination, adaptive immunity. Particular emphasis is paid to diseases that represent a threat to public health worldwide. Students work in pairs to stimulate interactions and collegial attitudes.
Prerequisite:	None
Duration:	2 weeks; 5-6 days/week; 30 contact hours/week
Course Unit:	2
Coursework/Examination ratio:	80% / 20%
Examination method:	<p>The students' performance will be evaluated according to the following criteria:</p> <ol style="list-style-type: none"> 1. Participation in the course and interaction with the speakers; 2. Oral presentation of the results of the practical session or of the workshops/round tables (10 min) followed by a Q&A session (10 min); 3. Oral summary (20 min presentation, with slides) of one of the lectures given during the course followed by a Q&A session (10 min). Lectures are assigned through a draw the day before the exam.
Learning outcomes:	<p>On completion of the course student will be able to:</p> <ol style="list-style-type: none"> 1. Describe the basic mechanisms of the immune response; 2. Demonstrate knowledge of the molecular events associated with pathogen recognition; 3. Explain the current challenges in this research area; 4. Identify key knowledge gaps and formulate relevant scientific questions;

5. Develop skills in oral communication;
6. Develop skills in group work.

Remarks:

Also offered to RPg from other Faculties at HKU;