

生命科學系 101 學年度下學期課程大綱

科號	LSMC544600	組別		學分	2	人數限制	
科目中文名稱	寄主對感染之反應專題			教室			
科目英文名稱	Special Topics in the Host Response to Infection						
任課教師	藍忠昱						
上課時間	F7 & F8						
擋修科目				擋修分數			

一、課程說明	The host responses to microbial infection are complex. The main goal of this course is to provide a timely and comprehensive introduction to this exciting field aimed at understanding how the human host responds to a wide diversity of microbial pathogens. This course is designed for advanced undergraduate and postgraduate students who are interesting in immunity and infection.
二、指定用書	None
三、參考書籍	Current literatures
四、教學方式	Literature reading, student oral presentation and group discussions
五、教學進度	Major topics will be discussed in the course: (1) Innate immunity in host defense (2) Toll-like receptor signaling in immunity & related topics (3) Antibody-mediated immunity in host defense (4) Using non-mammalian hosts to study host defense (5) Antimicrobial peptides
六、成績考核	One written examinations (25%) Participation (absence, oral presentation & discussion 75%)
七、講義位址	http://life.nthu.edu.tw/~lablcy/