

# 生命科學系 111 學年度上學期課程大綱

科號	11110LSMC576300	組別		學分	2	人數限制	
科目中文名稱	酵母致病菌特論 (一)		教室				
科目英文名稱	Special Topics in the Yeast Pathogens (I)						
任課教師	藍忠昱						
上課時間	F3 & F4						
擋修科目			擋修 分數	需與老師討論後加簽 選課			

一、課程說明	The significance of yeast pathogens causing life-threatening systemic and tenacious superficial infections in humans has been steadily increasing over the last few decades. In recent years, our knowledge of the molecular biology of yeast pathogens has increased dramatically and is beginning to affect diagnostic and therapeutic strategies. Also, a wealth of new information has appeared on the key virulence factors of yeast pathogens. The goal of this course is to help students to familiar with current status of this field and will focus on molecular and cellular basis of different yeast pathogens.
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) Yeast cytology (2) Yeast Nutrition, growth & metabolism (3) Techniques used in yeast research (4) New and emerging yeast pathogens: <i>Candida albicans</i> , non- <i>albicans</i> <i>Candida</i> spp., <i>Cryptococcus neoformans</i> , <i>Histoplasma</i>
六、成績考核	One written examinations (15%) Participation (absence, oral presentation & discussion 85%)
七、講義位址	