

<p>尊重智慧財產權，請使用正版教科書，不得非法影印。</p> <p>使用逾期或，未取得合法授權之教材或將試用版教材以公開傳輸利用者，皆屬侵害他人著作權，將處刑責、拘役及罰金，請勿以身試法。</p>	
學期	1101
流水號	24026
課號	LS5048-*
授課教師	陳盛良
課程名稱(中文)	幹細胞生物學
課程名稱(英文)	Stem Cell Biology
學分	2
課程目標	"This subject is an optional course designed for both post- and under-graduate students with Life Sciences as their major. This subject is one semester course with two credits. Interested students should have basic knowledge in Cell Biology, Biochemistry, and Molecular Biology before they take this subject."
授課內容	"The scope of this subject includes the (1) early development of mammalian embryos, (2) nature and behavior of stem cells, (3) embryonic stem cells, (4) adult stem cells, (5) stem cell niches, (6) induced pluripotent stem cells (iPSC), (7) regenerative medicine and application of stem cells."
教科書/參考書	Text book: (1) Developmental Biology (2010) by Scolt Gilbert (2) Stem Cell and Regenerative Medicine (2009) by Kursad Turksen (3) Embryonic Stem Cell (2008) by Kursad Turksen.
自編教材比例	0
授課方式	講授 研討

評量配分比重	Midterm and final written examinations	
辦公時間	Monday to Friday afternoon 3–5 pm	
課程領域	生理 、 生物科技 、 醫藥	
系所核心能力	強度指數	評量方式
高等生物專業知識	(5) 非常高	紙筆測驗/會考
創新及整合研究	(5) 非常高	紙筆測驗/會考
專業寫作與表達	(4) 高	紙筆測驗/會考
國際觀	(2) 低	紙筆測驗/會考