國立清華大學 _112_ 學年第_2_學期課程大綱

科號		組別		學分	2	人數限制	
修課年級	□ 大學部　　年級以上 □ 碩士班一年級以上(含博士班) □ 碩士班二年級以上(含博士班)						
上課時間	R9Ra			教室	LSII 217		
科目中文名稱	腫瘤內異質性特論二						
科目英文名稱	Special Topics in Intratumoral Heterogeneity II						
任課教師	王群超						
擋修科目	無			擋修分數	無		

※下列各欄由任課教師提供※

一、課程說明	This course is designed for students who are interested in cancer biology and/or bioengineering. We welcome graduate students and undergraduates from all departments at NTHU. We will study molecular and cell biology, quantitative experimental methods, signaling network, and novel approaches in cancer research. This course requires no previous knowledge of biology, chemistry, engineering, mathematics *etc.*, but does assume competency in one of these fields and the desire to learn new things. The idea is that students will need to work hard in the fields they are not familiar with, and help each other when someone needs help (in and out of class).
二、指定用書	There is no textbook for this course. The required readings are scientific articles.
三、參考書籍	Recently published research papers in the field of cancer biology and quantitative cell biology.
四、教學方式	Journal club, research update, and paper presentation.
五、教學進度	Two-hour seminar per week to discuss current progress on human cancer research.
六、成績考核	Presentation 50%, Participation 50%.
七、講義位址 http://	iLMS

生成式人工智慧倫理聲明

基於透明與負責任的原則，本課程鼓勵學生利用 AI 進行協作或互學，以提升本門課產出品質。根據本校公布之「大學教育場域 AI 協作、共學與素養培養指引」，本門課程採取有條件開放，說明如下
學生須於課堂作業或報告中的「標題頁註腳」或「引用文獻後」簡要說明如何使用生成式 AI 進行議題發想、文句潤飾或結構參考等使用方式。若經查核使用卻無在作業或報告中標明，教師、學校或相關單位有權重新針對作業或報告重新評分或不予計分。