

國立清華大學 112 學年第 1 學期新開課程課程大綱

科號 Course Number		學分 Credit	2	人數限制 Class Size	
中文名稱 Course Title	調節性 T 細胞與癌症免疫特論一				
英文名稱 Course English Title	Special Topics in Regulatory T Cells and Cancer immunology 1				
任課教師 Instructor	徐子勝				
上課時間 Time	R9Ra	上課教室 Room	LS II 生二 626		

<p>課程簡述(必填)(最多 500 個中文字) 本欄位資料會上傳教育部課程網 Brief Course Description (required) (50-200 words if possible, up to 1000 letters</p> <p>This course will cover the critical role of regulatory T cells (Treg cells) in maintaining immune balance in the body, including their involvement in tumor development and progression. We will explore the potential for transforming Treg cells into effector-like exTreg cells for treating autoimmune disorders and allergic diseases. Students will understand Treg cells comprehensively by reading and presenting research papers, writing concise reports, and delivering progress reports. The course is designed for advanced undergraduate and graduate students in immunology, biology, and related fields.</p>
<p>請輸入課程內容「中文暨英文關鍵字」至少 5 個，每個關鍵字至多 20 個中文，以半形逗點分隔 (必填) Please fill in at least 5 course keywords (up to 40 letters for each keyword) and use commas to separate them.(required)</p> <p>調節型 T 細胞、免疫監視、自體免疫、癌症免疫、免疫治療 Regulatory T cells, Immune Surveillance, Autoimmunity, Cancer Immunity, Immunotherapy</p>

一、課程說明	<p>This course aims to cultivate students' habit of continuously reading research journals, enabling them to deeply understand important research topics and the latest discoveries in regulatory T cells and cancer immunology. The course will train students to write concise research reports, deliver regular oral progress reports, improve their questioning skills, and present and share their research results. Students need to discuss with the instructor before adding the course.</p>
二、指定用書	N/A
三、參考書籍	Journal articles on immunology and cancer.

四、教學方式	The students alternate between presenting research progress reports and giving talks on the most recent research papers, while the teacher guides the discussions and analysis.
五、教學進度	Students take turns presenting research progress reports and delivering presentations on the latest research papers.
六、成績考核	Attendance: 40%, Presentation: 30%, Discussion: 30%
七、可連結之網頁位址(相關網頁)	<a href="https://pubmed.ncbi.nlm.nih.gov/">https://pubmed.ncbi.nlm.nih.gov/</a>