

基因治療特論 (Special Topics on Gene Therapy) Spring, 2015

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時間：星期一 15:10-17:00 課程碼：S450800 (微免所和基醫所合班)

地點：1124 教室 (11 樓微免所教室)

Date	Topic	Lecturer
3/2	Overview of gene therapy	吳昭良
3/9	Viral vectors (retrovirus and lentivirus)	蕭瓊莉
3/16	Viral vectors (adenovirus, adeno-associated virus, and herpesvirus)	蕭瓊莉
3/23	Viral (poxvirus and alphavirus) and bacterial vectors	蕭瓊莉
3/30	Non-viral vectors	陳毓宏
4/6	民族掃墓節補假	
4/13	DNA vaccine	蕭瓊莉
4/20	Immunotherapy (preclinical and clinical application)	許耿福
4/27	Suicide gene therapy and oncolytic virotherapy	謝嘉興
5/4	Stem cell-based therapy	袁國
5/11	Viral vector-mediated gene transfer in autoimmune arthritis models	王崇任
5/18	Gene therapy for genetic diseases	郭保麟
5/25	Paper discussion (I)	蕭瓊莉 吳昭良
6/1	Paper discussion (II)	蕭瓊莉 吳昭良
6/8	Paper discussion (III)	蕭瓊莉 吳昭良
6/15	Paper discussion (IV)	蕭瓊莉 吳昭良
6/22	Discussion	吳昭良

Grades will be based on learning altitude and attendance (20%), paper presentation and discussion (50%), and final report (30%).