

Seminar in Translational Medicine

Semester: Fall 2015

Program: Translational Medicine Degree Program

Place: TIGP Building R211

Time: Wednesday, 14:00~15:00 PM

Coordinator: 陳瑞華老師、沈家寧老師、顏裕庭老師

Credit: 1

Method:

1. 每週由學生報告，搭配 1 名同學擔任當週 Student Chair，負責當週報告者的講者背景介紹、引言及提問/評論；其他同學也請踴躍提問，提問將計入課堂表現成績。
2. 每週 paper/reference 由當週轉譯醫學專題討論授課 Advisor 提供指定。
3. 授課 Advisor 及其他學生依據學生口頭報告及討論之表現評分：報告成績 75%(Advisor 評分 50%，同儕互評 25%)，課堂表現 15%，出席率 10%。

Week	Date	Topics	Student Chair	Reporter	Advisor
1	9/16	Introduction	~	~	趙壯飛
2	9/23	#1 Significance, Definition & Scope of Translational Medicine-Lab Bench to bedside & Bedside to Lab Bench #2 Translational research for therapeutic antibodies R & D			吳漢忠
3	9/30	Clinical candidate selection/ lead optimization/SAR & medical device #1 drug discovery and lead optimization #2 Development of new medical device			梁博煌
4	10/7	#1 New Drug (or High Tech) Product Development & Commercialization: From Concept to Litigation #2 IP protection, technology transfer, and Management of Intellectual Property			梁啟銘
5	10/14	GMP, CMC, Scale up production, formulation #1 Small chemicals #2 Process scale-up and CGMP production of biologics #3 Formulation			李文山
6	10/21	#1 Stem cell-based therapy and regenerating medicine #2 Cancer Stem cells: From characterization to therapeutic implications.			沈家寧
7	10/28	Targeting inflammation in neurodegenerative diseases			陳儀莊
8	11/4	The Search for New Cardiovascular Biomarkers			楊瑞彬

9	11/11	Virus Infection			林宜玲
10	11/18	#1 Genomic medicine #2 Pharmacogenomics			周玉山
11	11/25	Targeting protein kinase as a potential anti-cancer strategy			陳瑞華
12	12/2	Targeted and individualized therapy of cancer			徐麗芬
13	12/9	#1 Clinical research design, monitoring system and data collection/analysis #2 Statistical considerations in clinical /translational research			陳珍信
14	12/16	Translational Research of long intergenic non-coding RNA			施修明
15	12/23	"B Cell Lymphoma or Multiple Myeloma: Gene Profiling & New Genomic Technologies for Targeted Therapeutics"			林國儀
16	12/30	Generation of organ-like structures from pluripotent stem cells and its implication for cellular therapy and drug discovery			郭紘志
17	1/6	Induced Hematopoietic Stem Cells: Unlocking Restrictions in Lineage Potential and Self-renewal			顏裕庭
18	1/13	Pluriopotent stem cell to model motor neuron disease			陳俊安