

106 學年度第 2 學期 碩士班 專題討論

時間：星期五 下午 3:00~5:00

4/2 修訂

地點：成大醫院門診大樓七樓 7027 階梯教室

Coordinator：*許育祥老師（分機 5283），沈延盛老師（分機 3105），

Michael W. Hughes 老師（分機 6257），蔡曜聲老師（分機 4242）

Date	Time	Speaker	Commentator	Topic
3/2				介紹
3/9	3:00-4:00	陳芳旭 (許育祥 老師)	許育祥	Updating osteoimmunology: regulation of bone cells by innate and adaptive immunity <i>Nature Reviews Rheumatology</i> <i>doi:10.1038/nrrheum.2017.21</i>
	4:00-5:00	李芷伊 (蔡曜聲 老師)	蔡曜聲	Mechanobiology of YAP and TAZ in physiology and disease <i>Nat Rev Mol Cell Biol.</i> 2017 Dec;18(12):758-770. <i>doi: 10.1038/nrm.2017.87.</i> <i>Epub 2017 Sep 27. Review.</i>
3/16	3:00-4:00	黃婉綸 (蔡坤哲 老師)	蔡坤哲	Biomaterials for the Treatment of Alzheimer's Disease. <i>Front Bioeng Biotechnol.</i> 2016 Jun 16;4:49.
	4:00-5:00	潘致愷 (呂佩融 老師)	呂佩融	The Microenvironmental Landscape of Brain Tumors <i>Cancer Cell</i> 31, March 13, 2017
3/23	3:00-4:00	張立展 (蘇文彬 老師)	蘇文彬	EMT, CSCs, and drug resistance: the mechanistic link and clinical implications <i>Nature Reviews Clinical Oncology</i> 14(10), 611–629(2017)
	4:00-5:00	曹方馨 (沈延盛 老師)	沈延盛	Pancreatic cancer: a mechanobiology approach <i>Converg. Sci. Phys. Oncol.</i> 3 (2017) 013001
3/30	3:00-4:00	許修瑞 (洪澤民 老師)	洪澤民	Exosome-Mediated Metastasis: From Epithelial-Mesenchymal Transition to Escape from Immunosurveillance. <i>Trends Pharmacol Sci.</i> 2016 Jul;37(7):606-17 .
	4:00-5:00	謝筑涵 (謝奇璋 老師 陳芃潔 老師)	謝奇璋 陳芃潔	Metabolic Regulation of the Immune Humoral Response <i>Immunity</i> 46, May 16, 2017 "2017 Elsevier Inc.
4/20-PR				
4/13	3:00-4:00	劉彥好 (顏家瑞 老師)	顏家瑞	The role of the oncofetal IGF2 mRNA-binding protein 3 (IGF2BP3) in cancer. <i>Semin Cancer Biol.</i> 2014 Dec;29:3-12.
	4:00-5:00	孫惟政 (陳芃潔 老師)	陳芃潔	CRISPR-Based Technologies for the Manipulation of Eukaryotic Genomes. <i>Cell</i> 168, January 12, 2017
4/27	3:00-4:00	陳寶玉 (林聖翔 老師)	林聖翔	Systemic Biomarkers of Accelerated Aging in Schizophrenia: A Critical Review and Future <i>Directions Schizophrenia Bulletin</i> 2017
	4:00-5:00	吳嘉穎 (劉秉彥 老師)	呂佩融	Rb1 and Trp53 cooperate to suppress prostate cancer lineage plasticity, metastasis, and antiandrogen resistance. <i>Science</i> 335(6320):78-83 (2017)
5/4	3:00-4:00	吳惕 (蔡坤哲 老師)	謝奇璋	IL-17-producing $\gamma\delta$ T cells switch migratory patterns between resting and activated states <i>Nat Commun.</i> 2017 Jun 5;8:15632. <i>doi:</i>

				10.1038/ncomms15632.
	4:00-5:00	沈吟臻 (許育祥 老師)	蔡坤哲	Exosomal cargo including microRNA regulates sensory neuron to macrophage communication after nerve trauma <i>Nat Commun.</i> 2017 Nov 24;8(1):1778. doi: 10.1038/s41467-017-01841-5
5/11	3:00-4:00	楊馥瑄 (修臥龍 老師)	江伯敏	Single-cell transcriptomics reconstructs fate conversion from fibroblast to cardiomyocyte. <i>Nature</i> 2017 vol551 100-104
	4:00-5:00	黃琳雅 (沈延盛 老師)	沈延盛	Tumor-Associated Macrophages as Major Players in the Tumor Microenvironment <i>Cancers</i> 2014
5/18	3:00-4:00	鄭婉婷 (劉秉彥 老師)	蔡曜聲	Hippo pathway deficiency reverses systolic heart failure after infarction <i>Nature</i> 550 260-264
	4:00-5:00	杜婉綺 (杜伊芳 老師)	陳芄潔	In Vivo Target Gene Activation via CRISPR/Cas9-Mediated Trans-epigenetic Modulation <i>Cell.</i> 2017 Dec 14;171(7):1495-1507.e15. doi: 10.1016/j.cell.2017.10.025. Epub 2017 Dec 7.
5/25	3:00-4:00	陳湘陵 (呂佩融 老師)	劉秉彥	Opposing Actions of Fibroblast and Cardiomyocyte Smad3 Signaling in the Infarcted Myocardium <i>Circulation.</i> 2017;CIRCULATIONAHA.117.029622
	4:00-5:00	陳漢宇 (林聖翔 老師)	沈延盛	Combining Machine Learning and Nanofluidic Technology To Diagnose Pancreatic Cancer Using Exosomes, <i>ACS Nano</i> 2017 11 (11), 11182-11193
6/1	3:00-4:00	李瑞珊 (謝奇璋 老師)	洪澤民	Proapoptotic PUMA targets stem-like breast cancer cells to suppress metastasis. <i>J Clin Invest.</i> 2018 Jan 2;128(1):531-544. doi: 10.1172/JCI93707. Epub 2017 Dec 11.
	4:00-5:00	翁尚楣 (洪澤民 老師)	林聖翔	An extracellular matrix-related prognostic and predictive indicator for early-stage non-small cell lung cancer <i>NATURE COMMUNICATIONS</i> , 2017 8:1734
6/8	3:00-4:00	邵愛寧 (蔡曜聲 老師)	許育祥	Interleukin-33-Activated Islet-Resident Innate Lymphoid Cells Promote Insulin Secretion through Myeloid Cell <i>Retinoic Acid Production</i> 2017, <i>Immunity</i> 47, 928-942
	4:00-5:00	徐千玉 (蔡坤哲 老師)	Michael Hughes	Suppression of the SWI/SNF Component Arid1a Promotes Mammalian Regeneration <i>Cell Stem Cell</i> 18, 456-466, April 7, 2016
6/15	3:00-4:00	廖心好 (劉秉彥 老師)	劉秉彥	MIF family cytokines in cardiovascular diseases and prospects for precision-based therapeutics <i>Expert Opin Ther Targets.</i> 2017 Jul;21(7):671-683.
	4:00-5:00	林岱緣 (林聖翔 老師)	蘇文彬	Folate cycle enzyme MTHFD1L confers metabolic advantages in hepatocellular carcinoma <i>The Journal of Clinical Investigation</i> 2017 May 1;127(5) 1856-1872