

106 學年下學期
醫技所專題討論(II & IV)

時間：星期五 9:10~12:00 AM

地點：醫技系 5761 教室

Coordinator：徐麗君教授(分機 5765)，阮振維教授(分機 5775)

※ 報告同學，請務必於當日將摘要影印 50 份放置講堂，提供同學取閱

Date	Speaker	講評老師	Topic
3/2 老師 (碩二)			課程規定說明與成大基醫所博士班介紹（許桂森所長）
	呂 O 萱	蔡佩珍	Deletion of Nlrp3 Augments Survival during Polymicrobial Sepsis by Decreasing Autophagy and Enhancing Phagocytosis. J Immunol. 2017;198(3):1253-62.
	郭 O 渝	黃一修	Inactivation of the dnaK gene in Clostridium difficile 630 Deltaerm yields a temperature-sensitive phenotype and increases biofilm-forming ability. Sci Rep. 2017;7(1):17522.
3/9 老師 (碩二)	辜 O 僊	張雋曦	Snail determines the therapeutic response to mTOR kinase inhibitors by transcriptional repression of 4E-BP1. Nat Commun. 2017;8(1):2207.
	陳 O 穎	林韋伶	Oxysterol-Binding Protein-Related Protein 1L Regulates Cholesterol Egress from the Endo-Lysosomal System. Cell Rep. 2017;19(9):1807-18
	O 蕾	徐麗君	Inhibition of apolipoprotein B synthesis stimulates endoplasmic reticulum autophagy that prevents steatosis. J Clin Invest. 2016;126(10):3852-67.
3/16 老師 (碩二)	包 O 瑜	楊孔嘉	PRMT5 restricts hepatitis B virus replication through epigenetic repression of covalently closed circular DNA transcription and interference with pregenomic RNA encapsidation. Hepatology. 2017;66(2):398-415.
	蕭 O 恩	葉才明	A Recombinant Antibody-Expressing Influenza Virus Delays Tumor Growth in a Mouse Model. Cell Rep. 2018;22(1):1-7.
	黃 O 尹	曾大千	Interaction of galectin-3 with MUC1 on cell surface promotes EGFR dimerization and activation in human epithelial cancer cells. Cell Death Differ. 2017;24(11):1937-47.
3/23 老師 (碩二)	鄭 O 雯	黃溫雅	The DNA Repair Repertoire of Mycobacterium smegmatis FenA Includes the Incision of DNA 5' Flaps and the Removal of 5' Adenylylated Products of Aborted Nick Ligation. J Bacteriol. 2017;199(17).
	張 O 志	傅子芳	An in vivo strategy to counteract post-administration anticoagulant activity of azido-Warfarin. Nat Commun. 2017;8:15242.
	洪 O 錦	陳百昇	A Dual Role of Caspase-8 in Triggering and Sensing Proliferation-Associated DNA Damage, a Key Determinant of Liver Cancer Development. Cancer Cell. 2017;32(3):342-59 e10.
3/30 老師 (碩二)	鄭 O 晶	彭貴春	Evolutionary enhancement of Zika virus infectivity in Aedes aegypti mosquitoes. Nature. 2017;545(7655):482-6.
	賴 O 雯	陳舜華	Prohibitin plays a critical role in Enterovirus 71 neuropathogenesis. PLoS Pathog. 2018;14(1):e1006778.
	O 曦	張雋曦	Embryonic transcription factor SOX9 drives breast cancer endocrine resistance. Proc Natl Acad Sci U S A. 2017;114(22):E4482-E91.
4/13-14 (碩二)	Group A	All	Progress Report
	Group B	All	

4/20 老師 (碩二)	羅○瑩	余建泓	Calcium-driven DNA synthesis by a high-fidelity DNA polymerase. Nucleic Acids Res. 2017;45(21):12425-40.
	賴○珽	張志鵬	Nix restores mitophagy and mitochondrial function to protect against PINK1/Parkin-related Parkinson's disease. Sci Rep. 2017;7:44373.
	邱○佑	張雅雯	Inhibition of monoacylglycerol lipase terminates diazepam-resistant status epilepticus in mice and its effects are potentiated by a ketogenic diet. Epilepsia. 2018;59(1):79-91
4/27 老師 (碩二)	謝○芳	何中良	Synthetic high-density lipoproteins as targeted monotherapy for chronic lymphocytic leukemia. Oncotarget. 2017;8(7):11219-27.
	徐○婷	陳振暉	Potent in vitro and in vivo antifungal activity of a small molecule host defense peptide mimic through a membrane-active mechanism. Sci Rep. 2017;7(1):4353.
	劉○姘	陳立宗	Sunitinib Stimulates Expression of VEGFC by Tumor Cells and Promotes Lymphangiogenesis in Clear Cell Renal Cell Carcinomas. Cancer Res. 2017;77(5):1212-26.
5/4 老師 (碩一)	饒○維	陳呈堯	A semisynthetic organism engineered for the stable expansion of the genetic alphabet. Proc Natl Acad Sci U S A. 2017;114(6):1317-22.
	劉○君	黃暉升	Adipocytes activate mitochondrial fatty acid oxidation and autophagy to promote tumor growth in colon cancer. Cell Death Dis. 2017;8(2):e2593.
	謝○升	楊孔嘉	A novel mechanism of antibody-mediated enhancement of flavivirus infection. PLoS Pathog. 2017;13(9):e1006643.
5/11 老師 (碩一)	劉○安	黃溫雅	Vaccines targeting preS1 domain overcome immune tolerance in hepatitis B virus carrier mice. Hepatology. 2017;66(4):1067-82.
	賴○馨	吳華林	Cancer-associated fibroblasts promote directional cancer cell migration by aligning fibronectin. The Journal of cell biology. 2017;216(11):3799-816.
	張○秋	張權發	Platelet glycoprotein VI aids in local immunity during pneumonia-derived sepsis caused by gram-negative bacteria. Blood. 2018;131(8):864-76.
5/18 老師 (碩一)	康○瑋	王貞仁	Escaping Host Factor PI4KB Inhibition: Enterovirus Genomic RNA Replication in the Absence of Replication Organelles. Cell Rep. 2017;21(3):587-99.
	李○勳	何中良	E6/E7-P53-POU2F1-CTHRC1 axis promotes cervical cancer metastasis and activates Wnt/PCP pathway. Sci Rep. 2017;7:44744.
	譚○晴	陳百昇	Ubiquitin-specific protease 21 stabilizes BRCA2 to control DNA repair and tumor growth. Nat Commun. 2017;8(1):137.
5/25 老師 (碩一)	許○婷	蔡佩珍	New class of precision antimicrobials redefines role of Clostridium difficile S-layer in virulence and viability. Sci Transl Med. 2017;9(406).
	羅○伸	蔡佩珍	IL-27/IL-27 Receptor Signaling Provides Protection in Clostridium difficile-Induced Colitis. J Infect Dis. 2018;217(2):198-207.
	陳○翔	蔡佩珍	Autophagy induced during apoptosis degrades mitochondria and inhibits type I interferon secretion. Cell Death Differ. 2017.
6/1 老師 (碩一)	陳○志	王貞仁	H5N1 influenza virus-specific miRNA-like small RNA increases cytokine production and mouse mortality via targeting poly(rC)-binding protein 2. Cell Res. 2018.
	陳○羽	阮振維	Transcriptional Elongation of HSV Immediate Early Genes by the Super Elongation Complex Drives Lytic Infection and Reactivation from Latency. Cell Host Microbe. 2017;21(4):507-17 e5.
	黃○彰	徐麗君	LPP is a Src substrate required for invadopodia formation and efficient breast cancer lung metastasis. Nature communications. 2017;8:15059.

6/8 老師 (碩一)	陳○誠	黃溫雅	Transcription factor SPZ1 promotes TWIST-mediated epithelial-mesenchymal transition and oncogenesis in human liver cancer. <i>Oncogene</i> . 2017;36(31):4405-14.
	莊○儒	張權發	Glycoengineering of antibody (Herceptin) through yeast expression and in vitro enzymatic glycosylation. <i>Proc Natl Acad Sci U S A</i> . 2018;115(4):720-5.
	巫○穎	傅子芳	Fatty Acid Oxidation in Zebrafish Adipose Tissue Is Promoted by 1alpha,25(OH)2D3. <i>Cell Rep</i> . 2017;19(7):1444-55.
6/15 老師 (碩一)	羅○達	黃暉升	Interaction with adipocyte stromal cells induces breast cancer malignancy via S100A7 upregulation in breast cancer microenvironment. <i>Breast Cancer Res</i> . 2017;19(1):70.
	陳○慈	傅子芳	ATF4 overexpression induces early onset of hyperlipidaemia and hepatic steatosis and enhances adipogenesis in zebrafish. <i>Sci Rep</i> . 2017;7(1):16362.
	○治	謝淑珠	Deficiency of the Mitochondrial NAD Kinase Causes Stress-Induced Hepatic Steatosis in Mice. <i>Gastroenterology</i> . 2018;154(1):224-37.
6/22 老師 (碩一、預研生)	黃○璇	葉才明	Outcomes of Congenital Zika Disease Depend on Timing of Infection and Maternal-Fetal Interferon Action. <i>Cell Rep</i> . 2017;21(6):1588-99.
	洪○婷	蔡慧頻	Distinguishing Secondary Dengue Virus Infection From Zika Virus Infection With Previous Dengue by a Combination of 3 Simple Serological Tests. <i>Clin Infect Dis</i> . 2017;65(11):1829-36.
	郭○佑	徐麗君	Macrophage Polarization Contributes to Glioblastoma Eradication by Combination Immunovirotherapy and Immune Checkpoint Blockade. <i>Cancer Cell</i> . 2017;32(2):253-67 e5.
6/29 老師 (預研生)	李○佳	陳呈堯	Evolutionary/Biochemical Connection Between Promoter- and Primer-Dependent Polymerases Revealed by Selective Evolution of Ligands by Exponential Enrichment (SELEX). <i>J Bacteriol</i> . 2018.
	許○誠	陳呈堯	DNA synthesis from diphosphate substrates by DNA polymerases. <i>Proc Natl Acad Sci U S A</i> . 2018;115(5):980-5.
	陳○婷	徐麗君	Mast Cells Are Crucial for Induction of Group 2 Innate Lymphoid Cells and Clearance of Helminth Infections. <i>Immunity</i> . 2017;46(5):863-74 e4.
	蔡○琦	蔡佩珍	Mitochondrial quality control in alveolar epithelial cells damaged by <i>S. aureus</i> pneumonia in mice. <i>Am J Physiol Lung Cell Mol Physiol</i> . 2017;313(4):L699-L709.