

Undergraduate Student Seminar-Spring 2018

Medical Laboratory Science and Biotechnology, NCKU

Course Coordinators: Dr. Chen, Cheng-Yao (× 5790) & Huang, Wenya (× 5766)

Time/Place: Thu. 15:10-18:00 pm/MT Bldg. Room 5761

Date	Time	Speaker	Title/Source	Commentator	Coordinator
03/01	15:10		Introduction		Huang/Chen
03/22	15:10	林○蓁	Synergic bactericidal effects of reduced graphene oxide and silver nanoparticles against Gram positive and Gram-negative bacteria. <i>Sci Rep. 2017, 7, 1591.</i>	蔡佩珍	Chen
	16:10	李○佳	Dietary trehalose enhances virulence of epidemic <i>Clostridium difficile</i> . <i>Nature. 2018, 553, 291-294.</i>	蔡佩珍	
	17:10	黃○容	Logical engineering of D-arm and T-stem of tRNA that enhances D-amino acid incorporation. <i>Nucleic Acids Res. 2017, 45, 12601-12610.</i>	陳呈堯	
03/29	15:10	陳○婷	Human DNA polymerase delta double-mutant D316A;E318A interferes with DNA mismatch repair <i>in Vitro</i> . <i>Nucleic Acids Res. 2017, 45(16):9427-9440</i>	陳呈堯	Chen
	16:10	洪○婷	Genomic evolution of bacterial populations under coselection by antibiotics and phage <i>Mol Ecol., 2017,26, 1848-1859</i>	陳呈堯	
	17:10	許○誠	Autophagy-dependent generation of free fatty acids is critical for normal neutrophil differentiation. <i>Immunity. 2017, 47, 466-480.</i>	徐麗君	
04/12	15:10	王○宇	Long noncoding RNA MALAT1 promotes hepatocellular carcinoma development by SRSF1 upregulation and mTOR activation. <i>Cancer Res. 2018, 77, 1155-1167.</i>	陳百昇	Chen
	16:10	陳○安	A novel lncRNA uc.134 represses hepatocellular carcinoma progression by inhibiting CUL4A-mediated ubiquitination	陳百昇	

			of LATS1. <i>J Hematol Oncol. 2017, 10, 91.</i>		
	17:10	蔡○琦	Oxidative stress controls regulatory T cell apoptosis and suppressor activity and PD-L1-blockade resistance in tumor. <i>Nat Immunol. 2017, 18, 1332-1341.</i>	徐麗君	
04/19	15:10	任○堂	Metabolic profiling of zebrafish (<i>Danio rerio</i>) embryos by NMR spectroscopy reveals multifaceted toxicity of β -methylamino-Lalanine (BMAA). <i>Sci Rep. 2017, 7, 17305.</i>	傅子芳	Chen
	16:10	鍾○婷	Folic acid inhibits homocysteine-induced cell apoptosis in human umbilical vein endothelial cells. <i>Mol Cell Biochem. 2017. doi: 10.1007/s11010-017-3232-5.</i>	傅子芳	
	17:10	許○安	Clemizole and modulators of serotonin signalling suppress seizures in Dravet syndrome. <i>Brain 2017, 140, 669-683.</i>	傅子芳	
04/26	15:10	王○家	N-glycosylation of serum proteins for the assessment of patients with IgD multiple Myeloma. <i>BMC Cancer, 2017, 17, 881.</i>	張權發	Chen
	16:10	蔡○儒	Mass spectrometric profiling reveals association of N-glycan patterns with epithelial ovarian cancer progression <i>Tumour Biol. 2017, 39, 1010428317716249.</i>	張權發	
	17:10	詹○葳	The prognostic role of cancer stem cell markers for long-term outcome after resection of colonic liver metastases. <i>Anticancer Res. 2018, 38, 313-320.</i>	張權發	
05/03	15:10	汪○珮	Antibiotics ameliorate lupus-like symptoms in mice. <i>Sci Rep. 2017, 7, 13675.</i>	阮政維	Huang
	16:10	戴○平	Maturation of secreted HCV particles by incorporation of secreted ApoE protects from antibodies by enhancing infectivity.	楊孔嘉	

			<i>J Hepatol.</i> 2017, 67, 480-489.		
	17:10	羅○璋	Endothelial cells are intrinsically defective in xenophagy of <i>Streptococcus pyogenes</i> . <i>PLoS Pathog</i> 13(7): e1006444.	蔡佩珍	
05/10	15:10	林○芊	Combined immunotherapy with anti-PDL-1/PD-1 and anti-CD4 antibodies cures syngeneic disseminated neuroblastoma. <i>Sci Rep.</i> 2017, 7, 14049.	葉才明	Huang
	16:10	廖○緯	Evolutionary enhancement of Zika virus infectivity in <i>Aedes aegypti</i> mosquitoes. <i>Nature</i> , 2017, 545, 482–486.	葉才明	
	17:10	傅○宇	A gamma-herpesvirus provides protection against allergic asthma by inducing the replacement of resident alveolar macrophages with regulatory monocytes. <i>Nat Immunol.</i> 2017, 18, 1310-1320.	葉才明	
05/17	15:10	郭○佑	Application of next-generation sequencing to detect acyclovir-resistant herpes simplex virus type 1 variants at low frequency in thymidine kinase gene of the isolates recovered from patients with hematopoietic stem cell Transplantation. <i>J Virol Methods.</i> 2018, 51, 123-128.	蔡慧頻	Huang
	16:10	鄭○諭	The Human DNA glycosylases NEIL1 and NEIL3 excise psoralen-induced DNA-DNA cross-links in a four-stranded DNA structure <i>Sci Rep.</i> , 2017, 7, 17438.	黃溫雅	
	17:10	邱○貞	Evaluation of a next-generation sequencing assay for BRCA1 and BRCA2 mutation detection. <i>J Mol Diagn.</i> 2018, 20, 87-94.	黃溫雅	
05/24	15:10	蔡○臻	Amplified detection of genome-containing biological targets using terminal deoxynucleotidyl transferase-assisted rolling circle amplification. <i>Chem Comm</i> 2018. doi: 10.1039/c7cc09337c.	陳呈堯	Huang
	16:10	許○卿	RNAi-based treatment of chronically infected patients and chimpanzees reveals that integrated	黃溫雅	

		hepatitis B virus DNA is a source of HBsAg. <i>Sci Transl Med.</i> , 2017, 7, 9(409).	
17:10	劉O雯	Determination of molecular subtypes of diffuse large B-cell lymphoma using a reverse transcriptase multiplex ligation-dependent probe amplification classifier - A CALYM study. <i>J Mol Diagn.</i> , 2017, 19, 892-904.	黃溫雅

I. Abstract

The abstract should contain about 350 words in English, including heading (title, authors, and journal/volume/pages/year, followed by the names of presenter and commentator and the date of presentation), summary (including background, hypothesis, results and conclusions) and 1 or 2 key references. The abstract PDF file need be sent by e-mail to all the departmental faculties and classmates no later than **Monday** of the presentation week.

II. Commentator

A commentator with expertise in the research area of your selected article is invited to comment your presentation. It is your responsibility, as the presenter, to make sure in advance that your commentator will come on time for your presentation.

IV.III. Presentation

The presentation time: 30 to 35 minutes. The presentation should contain the contents of *Background, Hypothesis, Methods/Results, and Discussion/Conclusion* with PowerPoint.

V. Grading

- (1) Attendance and punctuality (15%):
- (2) Abstract and presentation (50%):
- (3) Questioning/answering (15%)
- (4) Comments/Notes (20%)