

生物醫學暨環境生物學系110學年度第1學期四年級專題討論(生醫組Seminar)題目

學號	學生姓名	篇名	第一作者	期刊名	刊登年代
107023047	李旻諭	1. Melatonin suppresses lung cancer metastasis by inhibition of epithelial-mesenchymal transition through targeting to Twist.	Chia-Chia Chao	Clin Sci (Lond). 2019 Mar 15;133(5):709-722.	2019
		2. Melatonin impedes prostate cancer metastasis by suppressing MMP-13 expression.	Shih-Wei Wang	J Cell Physiol. 2021 May;236(5):3979-3990.	2021
107023021	尤聖瑜	1. Transcription factor EB overexpression prevents neurodegeneration in experimental synucleinopathies.	Marie-Laure Arotcarena	JCI Insight. 2019 Aug 22;4(16):e129719.	2019
		2. Dysregulation of TFEB contributes to manganese-induced autophagic failure and mitochondrial dysfunction in astrocytes.	Ziyan Zhang	Autophagy. 2020 Aug;16(8):1506-1523.	2020
107023015	江俊霖	1. Dickkopf-1 contributes to hepatocellular carcinoma tumorigenesis by activating the Wnt/ β -catenin signaling pathway	Rui Zhang	Signal Transduct Target Ther. 2019 Dec 6;4:54.	2019
		2. Long noncoding RNA LINC00662 promotes M2 macrophage polarization and hepatocellular carcinoma progression via activating Wnt/ β -catenin signaling	Xiaohui Tian	Mol Oncol. 2020 Feb;14(2):462-483.	2020
106023010	留妍菱	1. Premature Drug Release from Polyethylene Glycol (PEG)-Coated Liposomal Doxorubicin via Formation of the Membrane Attack Complex	Even Chen	ACS Nano. 2020 Jul 28;14(7):7808-7822.	2020
		2. Replacement of L-amino acid peptides with D-amino acid peptides mitigates anti-PEG antibody generation against polymer-peptide conjugates in mice	Meilyn Sylvestre	J Control Release. 2021 Mar 10;331:142-153.	2021
107023025	羅若云	1. Cancer-associated fibroblasts promote prostate cancer malignancy via metabolic rewiring and mitochondrial transfer	Ippolito L.	Oncogene. 2019 Jul;38(27):5339-5355.	2019
		2. Treatment with cannabinoids as a promising approach for impairing fibroblast activation and prostate cancer progression	Pietrovito L.	Int J Mol Sci. 2020 Jan 25;21(3):787.	2020
107023046	賴浚清	1. Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates δ -Secretase by Upregulating C/EBP β in Alzheimer's Disease	Zhi-Hao Wang	Cell Rep. 2019 Jul 16;28(3):655-669.e5.	2019
		2. Upregulation of BDNF and hippocampal functions by a hippocampal ligand of PPAR α	Dhruv Patel	JCI Insight. 2020 May 21;5(10):e136654.	2020
107023001	涂肇中	1. Inhibition of TLR4 alleviates the inflammation and apoptosis of retinal ganglion cells in high glucose	Lili Hu	Graefes Arch Clin Exp Ophthalmol. 2017 Nov;255(11):2199-2210.	2017
		2. Baicalin mitigates cognitive impairment and protects neurons from microglia-mediated neuroinflammation via suppressing NLRP3 inflammasomes and TLR4/NF- κ B signaling pathway	Xin Jin	CNS Neurosci Ther. 2019 May;25(5):575-590.	2019
107023017	姚博元	1. Recombinant ArgF PLGA nanoparticles enhances BCG induced immune responses against Mycobacterium bovis infection	Jiamin Ni	Biomed Pharmacother. 2021 May;137:111341.	2021
		2. Arginine-deprivation-induced oxidative damage sterilizes Mycobacterium tuberculosis	Sangeeta Tiwari	Proc Natl Acad Sci U S A. 2018 Sep 25;115(39):9779-9784.	2018
107023007	莊雅婷	1. SIK2 promotes reprogramming of glucose metabolism through PI3K/AKT/HIF-1 α pathway and Drp1-mediated mitochondrial fission in ovarian cancer	Tian Gao	Cancer Lett. 2020 Jan 28;469:89-101.	2020
		2. SIK2 enhances synthesis of fatty acid and cholesterol in ovarian cancer cells and tumor growth through PI3K/Akt signaling pathway	Jing Zhao	Cell Death Dis. 2020 Jan 13;11(1):25.	2020
107023048	鍾欣純	1. ITGB1-DT Facilitates Lung Adenocarcinoma Progression via Forming a Positive Feedback Loop With ITGB1/Wnt/ β -Catenin/MYC	Ruimin Chang	Front Cell Dev Biol. 2021 Mar 4;9:631259.	2021
		2. Novel lncRNA UPLA1 mediates tumorigenesis and prognosis in lung adenocarcinoma	Xiaoyang Han	Cell Death Dis. 2020 Nov 21;11(11):999.	2020
107023010	陳妍凝	1. Poly(adenosine diphosphate ribose) polymerase inhibitors induce autophagy-mediated drug resistance in ovarian cancer cells, xenografts, and patient-derived xenograft models	Janice M Santiago-O'Farrill	Cancer. 2020 Feb 15;126(4):894-907.	2020
		2. PARP inhibition promotes ferroptosis via repressing SLC7A11 and synergizes with ferroptosis inducers in BRCA-proficient ovarian cancer	Ting Hong	Redox Biol. 2021 Jun;42:101928.	2021
107023028	曾愉婷	1. PINK1/Parkin influences cell cycle by sequestering TBK1 by damaged mitochondria, inhibiting mitosis	Shireen A Sarraf	Cell Rep. 2019 Oct 1;29(1):225-235.e5.	2019
		2. Spatiotemporal control of ULK1 activation by NDP52 and TBK1 during selective autophagy	Jose Norberto S Vargas	Mol Cell. 2019 Apr 18;74(2):347-362.e6.	2019
		1. Autocrine CTRPC1 activates hepatic stellate cells and promotes liver fibrosis by activating TGF- β	Jun Li	EBioMedicine. 2019 Feb;40:43-55.	2019

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107023049	賴威寬	2. CTHRC1 promotes wound repair by increasing M2 macrophages via regulating the TGF-β and notch pathways	Shu Qin	Biomed Pharmacother. 2019 May;113:108594.	2019
107023201	趙祥安	1. Cisplatin increases PD-L1 expression and optimizes immune check-point blockade in non-small cell lung cancer	Ludovic Fournel	Cancer Lett. 2019 Nov 1;464:5-14.	2019
		2. Inhibition of ATM reverses EMT and decreases metastatic potential of cisplatin-resistant lung cancer cells through JAK/STAT3/PD-L1 pathway	Mingjing Shen	J Exp Clin Cancer Res. 2019 Apr 8;38(1):149.	2019
107023035	簡湘穎	1. G721-0282 inhibits cell growth and induces apoptosis in human osteosarcoma through down-regulation of the STAT3 pathway	Park K.R.	Int J Biol Sci. 2020 Jan 1;16(2):330-341.	2020
		2. Costunolide inhibits osteosarcoma growth and metastasis via suppressing STAT3 signal pathway	Jin X.	Biomed Pharmacother. 2020 Jan;121:109659.	2020
107023032	黃博楷 (黃鈺凱)	1. MicroRNA-17-5p reduces inflammation and bone erosion in mice with collagen-induced arthritis and directly targets the JAK/STAT pathway in rheumatoid arthritis fibroblast-like synoviocytes	Najm A.	Arthritis Rheumatol. 2020 Dec;72(12):2030-2039.	2020
		2. Role of JAK-STAT signaling in the pathogenic behavior of fibroblast-like synoviocytes in rheumatoid arthritis: Effect of the novel JAK inhibitor peficitinib	Emori T.	Eur J Pharmacol. 2020 Sep 5;882:173238.	2020
107023042	陳永瀚	1. Shear stress triggers angiogenesis of late endothelial progenitor cells via the PTEN/Akt/GTPCH/BH4 pathway	Shao-Hong Wu	Stem Cells Int. 2020 Apr 30;2020:5939530.	2020
		2. Cyclic stretch induces vascular smooth muscle cells to secrete connective tissue growth factor and promote endothelial progenitor cell differentiation and angiogenesis	Jing Yan	Front Cell Dev Biol. 2020 Dec 9;8:606989.	2020
107023045	陳宇彤	1. MCT-1/miR-34a/IL-6/IL-6R signaling axis promotes EMT progression, cancer stemness and M2 macrophage polarization in triple-negative breast cancer	Yueh-Shan Weng	Mol Cancer. 2019 Mar 18;18(1):42.	2019
		2. Macrophage migration inhibitory factor inhibition as a novel therapeutic approach against triple-negative breast cancer	Manish Charan	Cell Death Dis. 2020 Sep 17;11(9):774.	2020
107023053	陳詩晴	1. Regulation of invasion and peritoneal dissemination of ovarian cancer by mesothelin manipulation	Ricardo Coelho	Oncogenesis. 2020 Jul 1;9(6):61.	2020
		2. Targeting a membrane-proximal epitope on mesothelin increases the tumoricidal activity of a bispecific antibody blocking CD47 on mesothelin-positive tumors	Eric Hatterer	MAbs. Jan-Dec 2020;12(1):1739408.	2020
107023005	邱芷翎	1. Very-low-carbohydrate diet enhances human T-cell immunity through immunometabolic reprogramming	Simon Hirschberger	EMBO Mol Med. 2021 Aug 9;13(8):e14323.	2021
		2. Ketogenic diet and ketone bodies enhance the anticancer effect of PD-1 blockade	Gladys Ferrere	J Clin Invest. 2021 Jan 25;131(2):e145207.	2021
107023202	馮郁絮	1. FoxP3-miR-150-5p/3p suppresses ovarian tumorigenesis via an IGF1R/IRS1 pathway feedback loop	Zhang Q.	Cell Death Dis. 2021 Mar 15;12(3):275.	2021
		2. MicroRNA-150-5p promotes cell motility by inhibiting c-Myb mediated Slug suppression and is a prognostic biomarker for recurrent ovarian cancer	Tung CH	Oncogene. 2020 Jan;39(4):862-876.	2020
107023008	王靖彤	1. Vitamin C activates pyruvate dehydrogenase (PDH) targeting the mitochondrial tricarboxylic acid (TCA) cycle in hypoxic KRAS mutant colon cancer	Cenigaonandia-Campillo	Theranostics. 2021 Jan 25;11(8):3595-3606.	2021
		2. Synergistic effect of fasting-mimicking diet and vitamin C against KRAS mutated cancers	Di Tano	Nat Commun. 2020 May 11;11(1):2332.	2020
107023039	趙玆	1. Loss of Bcl-6-expressing T follicular helper cells and germinal centers in COVID-19	Kaneko	Cell. 2020 Oct 1;183(1):145-157.e12.	2020
		2. SARS-CoV-2 mRNA vaccines foster potent antigen-specific germinal center responses associated with neutralizing antibody generation	Lederer	Immunity. 2020 Dec 15;53(6):1281-1295.e5.	2020
107023050	張庭瑜	1. Clinical significance of annexin A2 expression in breast cancer patients	Lee D. Gibbs	Cancers (Basel). 2020 Dec 22;12(1):2.	2020
		2. 5α-Epoxyalantolactone inhibits metastasis of triple-negative breast cancer cells by covalently binding a conserved cysteine of annexin A2	Mingming Wei	J Med Chem. 2021 Sep 9;64(17):12537-12547.	2021
107023019	謝子涵	1. Neuroprotective effects and treatment potential of incretin mimetics in a murine model of mild traumatic brain injury	Miaad Bader	Front Cell Dev Biol. 2020 Jan 10;7:356.	2020
		2. Pharmacokinetics and efficacy of PT302, a sustained-release Exenatide formulation, in a murine model of mild traumatic brain injury	Miaad Bader	Neurobiol Dis. 2019 Apr;124:439-453.	2019
107023041	吳歆瑜	1. Novel high-affinity EGFRVIII-specific chimeric antigen receptor T cells effectively eliminate human glioblastoma	Rebecca C Abbott	Clin Transl Immunology. 2021 Jul 18;10(7):e1317.	2021
		2. Intratumoral IL-12 delivery empowers CAR-T cell immunotherapy in a pre-clinical model of glioblastoma	Giulia Agliardi	Nat Commun. 2021 Jan 19;12(1):444.	2021

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107023011	李沅芷	1. ACVR1C/SMAD2 signaling promotes invasion and growth in retinoblastoma	Laura Asnaghi	Oncogene. 2019 Mar;38(12):2056-2075.	2019
		2. Downregulation of nodal inhibits metastatic progression in retinoblastoma	Laura Asnaghi	Acta Neuropathol Commun. 2019 Aug 26;7(1):137.	2019
107023024	陳泓宇	1. Antiviral activity of Belladonna during Japanese Encephalitis virus infection via inhibition of microglia activation and inflammation leading to neuronal cell survival	Swatantra Kumar	ACS Chem Neurosci. 2020 Nov 4;11(21):3683-3696.	2020
		2. DHA attenuated Japanese Encephalitis virus infection-induced neuroinflammation and neuronal cell death in cultured rat neuron/glia	Cheng-Yi Chang	Brain Behav Immun. 2021 Mar;93:194-205.	2021