



# 生物醫學聯合學術年會

2022 The 36th Joint Annual Conference of Biomedical Science

## 大會議程 Program at glance

時間 / 地點	03月25日				
	線上論文Q&A				
09:00-12:00	毒物學會壁報論文	免疫學會壁報論文	臨床生化學會壁報論文	解剖學會壁報論文	分子影像學會壁報論文
12:00-13:30	中場休息				
13:30-17:00	藥理學會壁報論文	生理學會壁報論文	生化學會壁報論文	細分學會壁報論文	

台灣藥理學會

3/25分組	編號	第一作者	論文題目	作者群姓名(中文)	研究領域
第一組	PH01	鄭方茹	Cigarette Smoke-induced LKB1/AMPK Pathway Deficiency Reduces EGFR TKI Sensitivity in NSCLC	鄭方茹1, 2, 陳家弘3,4, 王柏幃5, 胡玳璋5, 蔡文正6, 吳駿一7, 湯智昕1,5, 涂智彥3,4, 洪明奇2,5,8,9, 黃偉謙5,8,9,10,*	腫瘤學(Oncology)
	PH02	孔柏雄	Thrombin increases expression of connective tissue growth factor via PAR1/PKC/ERK axis in human hepatic stellate cells	孔柏雄1,2, 賴俊學1, 黃聰龍1,2,*	其他(Others)
	PH03	You-Ren Wu	Transplanted Mouse Embryonic Stem Cell-Derived Retinal Ganglion Cells Integrate and Form Synapses in a Retinal Ganglion Cell-Depleted Mouse Model	吳祐任,1,2 Tomoyo Hashiguchi,1 Junki Sho,1 邱士華,2 Masayo Takahashi,1,3 and Michiko Mandai1	幹細胞(Stem Cell)
	PH04	邱鈴雅	PARP-1 Regulates Inflammasome Activity by Poly ADP-ribosylation of NLRP3 and Interaction with TXNIP in Primary Macrophages	邱鈴雅, 黃婷茵, 林琬琬	發炎(Inflammation)
	PH05	張郡歲	Nesfatin-1 increases CCL2 expression and contributes to M1 macrophage polarization in human rheumatoid arthritis	張郡歲, 湯智昕	免疫(Immunology)
	PH06	江雅靖	Cigarette smoke-promoted osteopontin expression attract mesenchymal stem cells recruitment and facilitate lung cancer metastasis	江雅靖1, 湯智昕2*	腫瘤學(Oncology)
	PH07	Yu-Chiao Lin	Investigating the Role of ER-Mitochondria Junction on Store-Operated Ca <sup>2+</sup> Entry	林鈺喬, 蔡丰喬	系統生物學 (Systems Biology)
	PH08	Tsung-Chih Tsai	Distinct contribution of granular and agranular subdivisions of the retrosplenial cortex to remote contextual fear memory retrieval	蔡宗志, 余亭萱, 洪毓傑, 馮樂瑩, 許桂森	神經學(Neuroscience)
	PH09	汪依璿	Butyrolactone I acts as an FPR1 inhibitor and free radical scavenger to inhibit neutrophilic inflammation	汪依璿, 陳俊宇, 高定一, 廖志中, 黃聰龍	發炎(Inflammation)
	PH10	呂彥鋒	The functional role of FcγRIIB in acute ischemic stroke and reperfusion injury	呂彥鋒, 曾賢忠	免疫(Immunology)
	PH11	陳怡君	Study on the mechanism of GABAergic signaling in the Dravet syndrome	陳怡君 · 許筠 · 徐瑞鴻 · 蔡哲文 · 何世因* · 劉宏輝*	神經學(Neuroscience)
	PH12	蔡哲文	Everolimus attenuates seizure susceptibility in Dravet syndrome mouse model	蔡哲文1, 陳怡君1, 林立1, 何世因12*, 劉宏輝123*	神經學(Neuroscience)
	PH13	黃上恩	In Vitro Evaluation of the Anti-Inflammatory Effect of KMUP-1 and In Vivo Analysis of Its Therapeutic Potential in Osteoarthritis	黃上恩 · Erna Sulistyowati · 趙玉英 · 吳炳男 · 戴仁恭 · 徐仲豪* · 葉竹來*	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	PH14	宋昌諭	Visfatin Inhibition Of Mir-1264 Promotes PDGF-C Expression In Chondrosarcoma Cells And Induces Endothelial Progenitor Cells Angiogenesis	宋昌諭1, 湯智昕1,2	腫瘤學(Oncology)

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3/25分組	編號	第一作者	論文題目	作者群姓名(中文)	研究領域
第二組	PH15	王則元	Utilization of Artificial Intelligence to Investigate the Role of RNA Modification in the Development of Vessel Organoid	王則元, 簡千栩, 邱士華	幹細胞(Stem Cell)
	PH16	黃于玲	Mechanism of NLR Family Member X1 in LPS-Induced Cell Death in Microglia: Roles of PARP-1, HO-1 and RIP1	黃于玲 · 林琬琬	訊息傳遞(Signal Transduction)
	PH17	朱其俊	Effects of Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF) on Rats with Endotoxemia	朱其俊1, 王柏翔2, 陳亦柔2, 施志勤1, 吳錦楨1	感染(Infection)
	PH18	Wang Yu-Chiao	High-fat diet exacerbates autism-relevant social abnormalities and cognitive deficits in CC2D1A conditional knockout mice	王俞喬 許桂森教授	神經學(Neuroscience)
	PH19	彭思媛	Involvement of aerobic glycolysis in TGF-β-induced lung epithelial-to-mesenchymal transition	彭思媛1、黃綉文1, 2、許銘仁	訊息傳遞(Signal Transduction)
	PH20	黃崇睿	Kinase-Independent EGFR-FGFR Interactions In Head And Neck Cancer Cells	黃崇睿1, 梁芯瑜1,2, 吳建緯1, 褚韶瑜1, 蕭柏強1, 張立昀1, 施卓琪1, 郭冠宏1, 陳坤麟3, 蔡丰喬1,4*	訊息傳遞(Signal Transduction)
	PH21	Pei-Hsuan Chou	A new chemical probe inhibitor targeting STAT1 restricts cancer stem cell traits and angiogenesis in colorectal cancer	周佩萱1 · 羅琮凱1 · 林文峻2 · 黃襄國1 · 劉品蓉3 · 謝俊結4 · 趙明濤5 · 魏子堂1	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	PH22	范雅淇	Discovery of novel human NTCP inhibitor dehydroeburicoic acid on inhibition of hepatitis delta virus infection	范雅淇, 黃瑋	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	PH23	林柔伸	Exploring the mechanism of action for a novel CFTR potentiator Elexacaftor (VX-445)	Rou-Shen Lin; Tzyh-Chang Hwang; Han-I Yeh	新藥研究(Drug Discovery) · 中草藥 (Chinese Herbal Medicine)
	PH24	曾郁軒	Targeting thrombus: optimization and characterization of Coagulation Factor XIII-binding aptamers	曾郁軒, 鄭凱文, 馬蘊華	生物技術(Biotechnology)
	PH25	曾家盈	Sex differences study in a rat model of chronic muscle pain	曾家盈, 蔡昕庭, 劉鈺亭*	神經學(Neuroscience)
	PH26	蔡尚杰	CDK inhibitor serves as a new drug for treatment of neutrophilic psoriasiform dermatitis	蔡尚杰 · 陳舜華 · 陳柏任 · 黃聰龍	發炎(Inflammation)
	PH27	張毓秦	Loganin Improves Chronic Constriction Injury-Induced Neuropathic Pain by Modulating Neuronal Autophagic Flux	張毓秦1 · 謝素玲2 · 安麗梅1 · 吳炳男1*	神經學(Neuroscience)
	PH28	蔡苑婷	T cell-mediated responses and in vitro allergy test for patients with COVID-19 vaccines-induced delayed-type hypersensitivity	蔡苑婷, 王壯維	免疫(Immunology)
PH29	Hsiang-Wei Kuo	Heroin dependent candidate gene APBB2 is in the upstream pathway regulating CCL11 release in the TNF-α induced inflammatory process	郭湘維, 劉腫夏, 陳至暉, 劉玉麗	轉譯醫學(Translation Medicine)	

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3/25分組	編號	第一作者	論文題目	作者群姓名(中文)	研究領域
第三組	PH30	楊佳玫	Axon Guiding of Mouse Embryonic Stem Cell-derived Retinal Ganglion Cells Using Netrin-1 Gradient on Functionalized-PEDOT Surface	楊佳玫, 余佳韋, 吳祐任, 尤嘯華, 邱士華	神經學(Neuroscience)
	PH31	張旭昇	Role of lateral habenula glutamate projection in extinction of methamphetamine-conditioned place preference	張旭昇1, 張皓程1, 陳芄2, 陳景宗1,2,*	神經學(Neuroscience)
	PH32	張抒平	Possible Mechanism Underlying Increased Susceptibility of Cortical Spreading Depression in Hypertensive Rats	張抒平2, 嚴錦城2, 王署君3, 4, 5, 陳世彬1, 3, 4, 5*	神經學(Neuroscience)
	PH33	Tran V. B. Quach	The Effects of Electroacupuncture (EA) to relief allergic rhinitis induced by ovalbumin (OVA) in the Mouse Model	黃立佳, 周怡棋, 阮武清軒, 陳易宏*	神經學(Neuroscience)
	PH34	陳易宏	Antihistamine Facilitate Electroacupuncture Analgesia in Healthy Human Subjects: A Pilot Study	陳易宏1*, 林昭庚2, 杜政昊1, 鍾欣怡1, 羅思庭1, 朱鈺婷1, Iona J. MacDonald1, 藍先元3,4, 李育臣2,5*	神經學(Neuroscience)
	PH35	Sharmely Sharon Ballon Romero	Neuroprotective effects of electroacupuncture in a mouse model of multiple dental pulp injury	錢思佑, 陳易宏*	神經學(Neuroscience)
	PH36	Hsing-Hui, Su	Activation of Peripheral TRPM8 Mitigates Ischemic stroke by Topically Applied Menthol	黃相碩 · 蘇倬慧 · 鍾欣怡 · 羅詩婷 · 朱鈺婷 · 王羿忻 · Iona J. MacDonald · 林昭庚 · 陳易宏	神經學(Neuroscience)
	PH37	陳郁夫	The Role of NaV1.8 in HMGB1-induced COX-2 Expression after Oxygen-Glucose Deprivation in Rat Primary Astrocytes	陳郁夫, 林家禾	神經學(Neuroscience)
	PH38	黃致維	The chronic effects of CB1 receptor agonist in post-weaning socially isolated model	黃致維 簡伯武	神經學(Neuroscience)
	PH39	許筠	The Effect of Dorsal Insular Cortex and Rostral Ventrolateral Medulla on Cardiovascular Function in Focal Stroke	許筠, 陳冠瑜, 陳家進, 張雅雯	神經學(Neuroscience)
	PH40	李子晴	Serotonergic System Plays an Important Role in Levodopa-induced Dyskinesia in MitoPark Mice	李子晴 · 黃翊恭 · 陳元皓	神經學(Neuroscience)
	PH41	張穎菲	Neural Circuit for Motivated Aggression in Mice	張穎菲1 · 簡伯武1,2*	神經學(Neuroscience)
	PH42	李佳駿	Dissecting striatal circuitry in repetitive and compulsive behaviors induced by chronic stress	李佳駿 · 蕭雅心	神經學(Neuroscience)
	PH43	張哲嘉	Elucidation of the protective effects and mechanisms of auricular vagus nerve stimulation in the alleviation of murine cerebral ischemic stroke injury	張哲嘉, 嚴錦城, 許至宏, 沈郁強	神經學(Neuroscience)
	PH44	陳思語	The Anti-Inflammatory Effects of Portulaca oleracea via Inhibiting IL-1 $\beta$ -Induced MMP-9 Expression in Brain Microvascular Endothelial Cells	陳思語, 陳吟貞, 孫若璇, 謝喜龍	神經學(Neuroscience)
	PH45	陳祺昇	Decoding neural circuitry in chronic stress-induced cognitive deficits	陳祺昇 · 蕭雅心	神經學(Neuroscience)
PH46	張毓秦	Loganin Attenuates Peripheral Nerve Injury-Induced Neuropathic Pain Via CXCL12/CXCR4-Mediated NLRP3 Activation	張毓秦1 · 陳心蘭2 · 謝素玲2 · 李建興1 · 吳炳男1*	發炎(Inflammation)	

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3/25分組	編號	第一作者	論文題目	作者群姓名(中文)	研究領域
第四組	PH47	李宜達	CORM-2 attenuates angiotensin II-induced IL-6/Jak2/Stat3-associated inflammation by inhibiting NADPH oxidase- and mitochondria-derived ROS in human aortic smooth muscle cells	李宜達	心血管系統(Cardiovascular System)
	PH48	鍾鏡湖	Investigation of Therapeutic Potential of Market Drugs in Ameliorating Cardiovascular Function Following Myocardial I/R Injury in Hyperlipidemia Patients: A Population Based Cohort Study	鍾鏡湖	心血管系統(Cardiovascular System)
	PH49	Shiang-Suo Huang	Dunaliella salina alga protects against myocardial ischemia/reperfusion injury by attenuating TLR4 signaling	黃相碩, 張丹綺, 王羿忻, 蔡青峰	心血管系統(Cardiovascular System)
	PH50	An-De Liao	Functional and molecular characterization of Perp mutation in the pathogenesis of cardiomyopathy in mice	廖安德 · 高臆茹 · 李宥苙 · 吳雅婷 · 陳文彬	心血管系統(Cardiovascular System)
	PH51	陳睿軒	Mechanisms of glabridin in human platelet activation	陳睿軒 <sup>1</sup> , †, 許準榕 <sup>1</sup> , 2*	心血管系統(Cardiovascular System)
	PH52	伊瑞福	Multiple Regulation by Amyloid-β Peptide of NMDA-mediated Responses in Rat Rostral Ventrolateral Medulla	伊瑞福 · 王蘭蕙 · 賴志嘉 · 林恂恂	心血管系統(Cardiovascular System)
	PH53	沈國屏	Extract of Pre-germinated Brown Rice Protection Against Cardiovascular Dysfunction through Reducing Inflammation and Free Radical in STZ/NA and HFD-induced T2DM Rats	林慧麗, 沈國屏	心血管系統(Cardiovascular System)
	PH54	Ponarulselvam Sekar	Metformin Inhibits Methylglyoxal-Induced Cytotoxicity in Retinal Pigment Epithelial Cells and Retinopathy in Mice via AMPK-Dependent Mitochondrial Biogenesis and Upregulation of Glyoxalase 1	Ponarulselvam Sekar, 陳志明, 黃婷茵, 蕭哲志, 林琬琬	代謝疾病(Metabolic Diseases)
	PH55	余昊翰	Study for the Mechanism of Kansuinin A Inhibit Apolipoprotein C3-Rich Low-Density Lipoprotein-Induced β-cell Apoptosis.	余昊翰 · 潘柏毅 · 徐鈺婷 · 陳振聲 · 陳芳玉 · 沈明毅	代謝疾病(Metabolic Diseases)
	PH56	陳育彬	Enalapril and Ketotifen attenuates epithelial-mesenchymal transition and ER stress via promoting Glyoxalase 1 expression in pulmonary epithelial cells	陳育彬, 謝政穎	代謝疾病(Metabolic Diseases)
	PH57	林佳琪	Exploring the role of ADAR2 in diabetic sarcopenia	林佳琪 · 陳韻雯	代謝疾病(Metabolic Diseases)
	PH58	莫小葳	The Role of CCL7 in Diabetic Wound Healing	莫小葳, 張婷婷*	代謝疾病(Metabolic Diseases)
	PH59	方昱螢	Hydralazine Protects Renal Proximal Tubular Epithelial Cells against Hypoxia-Reperfusion Injury	方昱螢, 張婷婷*	代謝疾病(Metabolic Diseases)
	PH60	溫元佑	Effects of Soluble Guanylate Cyclase (sGC) Stimulator Riociguat in High Fat Diet-induced Obesity in Rats	溫元佑 <sup>1</sup> , 李燕媚 <sup>1</sup> , 劉邦彥 <sup>2*</sup> , 沈信學 <sup>1*</sup>	代謝疾病(Metabolic Diseases)
	PH61	蕭伊岑	Exploring the role of IGFBP7 in non-alcoholic fatty liver disease	蕭伊岑, 陳韻雯	代謝疾病(Metabolic Diseases)
	PH62	吳虹儒	Exploring the role of Rab37 in Metabolic Diseases	吳虹儒, 陳韻雯	代謝疾病(Metabolic Diseases)
PH63	江建勳	P2X7 Activation Enhances Lipid Accumulation during Adipocytes Differentiation through Suppressing the Expression of Sirtuin-3, Sirtuin-5, and Browning Genes	江建勳, 鄭景元, 連羿婷, 黃國晉, 林琬琬	代謝疾病(Metabolic Diseases)	
PH64	鄭玉琪	Loganin Prevents Painful Diabetic Neuropathy by Regulating Oxidative Stress-Mediated Inflammation in Diabetic Rats	鄭玉琪 <sup>1</sup> · 邱俞晏 <sup>1</sup> · 謝素玲 <sup>1</sup> · 吳炳男 <sup>1*</sup>	代謝疾病(Metabolic Diseases)	

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3/25分組	編號	第一作者	論文題目	作者群姓名(中文)	研究領域
第五組	PH65	Henkie Isahwan Ahmad Mulyadi Lai	SARS-CoV-2 Pseudovirus Infectivity and Expression of Viral Entry-Related Factors ACE2 and TMPRSS2 in Human Induced Pluripotent Stem Cell-Derived Retinal Organoids	賴志仁；周士傑；楊逸萍；邱士華	分子生物學(Molecular Biology)
	PH66	Nalini Devi Verusingam	Investigating the Novel Circular RNA Transcriptome Mediating Mechanisms of Osimertinib Resistance in Non-Small Cell Lung Cancer (NSCLC)	娜莉倪, 蔡炳興, 王夢蓮, 張順慶, 王漢傑, 邱士華	分子生物學(Molecular Biology)
	PH67	陳品維	Inhibiting HIF-1 Activity by Synthetic Acridone Derivatives	陳品維, 柯麥可, 王惠君*	分子生物學(Molecular Biology)
	PH68	蔡仁傑	MicroRNAs Involved in Peritoneal Fibrosis	蔡仁傑1,2,3, 吳坤霖4,5, 楊嘉鈴2, 馬念涵4*, 陳炯東1,3*	分子生物學(Molecular Biology)
	PH69	王筠	Exploring the Mechanism of Inhibiting Metastatic Lung Cancer Cells for The Herbal Extracts	王筠、吳志中、王惠君	分子生物學(Molecular Biology)
	PH70	陳永璿	Mitophagy effects of melatonin against NaIO3 induce ROS stress-mediated HIF-1a/BNIP3 modulating LC3 expression in age-related macular degeneration.	陳永璿1, 謝逸憲1,2	生物化學(Biochemistry)
	PH71	SHIU-JEN CHEN*	The Prevention of Dementia with AI Auxiliary Research	穆淑琪、葛競、張凱迪、謝毅琦	老化醫學(Aging Medicine)
	PH72	李柏謙	Effects of Gan-Mai-Da-Zao Water Extract on Skeletal Muscle Mass and Function in Aged Mice	李柏謙1,2, 方偉宇1, 張婉萱1,2, 羅怡卿1,2*	老化醫學(Aging Medicine)
	PH73	吳郁涵	Kaempferol prevents against blue light-induced oxidative stress and mitochondrial apoptosis through PGC-1 $\alpha$ /Nrf2 pathway and autophagy in retinal pigment epithelial cells	吳郁涵、鄧曉翰、陳奕蕓及翁炳孫*	老化醫學(Aging Medicine)
	PH74	洪璟甄	Effects of Luteolin on The Platelet Inhibitory Action of Nitric Oxide	洪璟甄1、曹正明2、陳明華3、許向平4、郭嘉文5、吳錦楨1、施志勤1*	血液學(Hematology)
	PH75	王壯維/邱明諄	Functional and structural characteristics of HLA-B*13:01-mediated specific T cells reaction in drug hypersensitivity	邱明諄·李雪鈴·王壯維	免疫(Immunology)
	PH76	許竣傑	Recent Trends in Taiwan National Health Insurance Pharmaceutical Expenditure and Their Difference Among Hospital Level	許竣傑1, 鍾鏡湖1*	其他(Others)
	PH77	黃千甄	Traditional Chinese Medicine Reduces the Incidence of Cancer-Associated Stroke: A Nationwide Population-Based Cohort Study	黃千甄1, 楊育慈2, 陳易宏3*	其他(Others)
	PH78	林思安	NLRX1 Regulates Mitochondrial Reactive Oxygen Species, Cell Proliferation and Cell Cycle in HK-2 Renal Tubular Cells	林思安·林琬琬	其他(Others)
	PH79	Chiao-Yun Lin	Inhibition of nucleophosmin/B23 promotes gynecological cancer cells escape from immune cell through regulation of PD-L1	林巧韻 趙安琪 賴瓊慧	轉譯醫學(Translation Medicine)
	PH80	魏婕安	Effects of AZD6244 on LPS-induced inflammation in vitro	魏婕安	轉譯醫學(Translation Medicine)
	PH81	Yu-Li Lo	Tumor microenvironment-sensitive nanoparticles enhance the intracellular target delivery of chemo- and gene therapeutics against cancer	駱雨利 曾維宣 李璟瑤	轉譯醫學(Translation Medicine)
	PH82	Wei-Hsuan Tseng	Tumor microenvironment-sensitive nanoparticles enhance the cytotoxicity of oxaliplatin and microRNA	曾維宣, 李璟瑤, 駱雨利	轉譯醫學(Translation Medicine)

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3/25分組	編號	第一作者	論文題目	作者群姓名(中文)	研究領域
第六組	PH83	Hou Jen Chen	The different functions of Ca <sup>2+</sup> -adhesion interaction by tumor heterogeneity in ovarian clear carcinoma cells	朱沛羽, 黃韻如, 蔡丰喬	訊息傳遞(Signal Transduction)
	PH84	蔡沛儒	Investigating the C-terminal of KCNT1 to see its regulatory effects on K and Ca <sup>2+</sup> homeostasis, inspired from a patient with Brugada syndrome	蔡沛儒、蔡蔓綺、潘建源、廖怡萱、林意真、莊志明、蔡丰喬	訊息傳遞(Signal Transduction)
	PH85	吳晏瑋	The Role of Epidermal Growth Factor Receptor in UVA Irradiated Retinal Pigment Epithelial Cells	吳晏瑋1,2, Ponarulselvam Sekar 1,3,林琬琬1	訊息傳遞(Signal Transduction)
	PH86	蘇眉慈	Study on the Molecular Mechanism of Spermine on the Facilitation of Spontaneous Synaptic Activity at Developing Neuromuscular Synapse	蘇眉慈*, 劉昭成	訊息傳遞(Signal Transduction)
	PH87	張華景	Regulation and Role of Blimp-1 in Cutaneous Keratinocytes and Squamous Cell Carcinoma	張華景, 黃婷茵, 李惠珉, 林琬琬	訊息傳遞(Signal Transduction)
	PH88	徐志文	Potential mechanisms of dexamethasone as a repurposing drug for treatment of COVID-19 patients	保羅摩根·莎倫阿諾德·蕭乃文·徐志文	發炎(Inflammation)
	PH89	廖唯傑	Beneficial Effects of Antimicrobial Peptide LL 37 on Heat Stroke-Induced Multiple Organ Dysfunction in Rats	廖唯傑1, 曹正明2, 蔡欣容2, 廖美惠3, 施志勤1, 吳錦楨1*	發炎(Inflammation)
	PH90	邱鈴雅	PARP-1 Regulates UVB-induced Inflammatory Response and Differentiation in Human Keratinocytes	邱鈴雅, 吳南霖, 洪啟峯, 林琬琬	發炎(Inflammation)
	PH91	Trung-Loc Ho	HMGB1 Promotes In vitro And In vivo Skeletal Muscle Atrophy Through-An IL-18-Dependent Mechanism	Ho Trung Loc	發炎(Inflammation)
	PH92	蘇琳煊	To Investigate the Function of the m6A Demethylase FTO in the Retinal Ganglion Cell Development in the iPSC-derived Retinal Organoid	蘇琳煊·邱士華	幹細胞(Stem Cell)
	PH93	林冠志	To Evaluate the Role of TGF-β Signaling in the Morphogenesis of Alveolar Type-I Pneumocyte	林冠志·吳浩彬·曹伯年·林泰元	幹細胞(Stem Cell)
	PH94	高先穎	The Therapeutic Effects of Placenta Choriodecidual-Derived Mesenchymal Stromal Cells for Angiogenesis and Myogenesis in Peripheral Artery Disease (PAD)	高先穎, 劉鴻祺, 林泰元	幹細胞(Stem Cell)
	PH95	Winnie Khor	CRISPR/Cas9-mediated Prime Editing Rescuing Nonsense Mutation in Cystic Fibrosis Patient-Specific iPSCs-derived Airway Organoids via Supramolecular Nanoparticles	周士傑	幹細胞(Stem Cell)
	PH96	Kesshmita	m6A Modifying Genes in Retinal Ganglion Cells of Leber's Hereditary Optic Neuropathy (LHON)	Kesshmita Paranjothi; Henkie Isahwan Ahmad Mulyadi Lai; Shih-Hwa Chiou	幹細胞(Stem Cell)
	PH97	Hsin-Hung Lin	Identifying Distinct Oxygen Diffusivity through Type I Pneumocyte-Like Cell Layers using Microfluidic Device	林信宏·董奕鍾·曹伯年·林泰元	幹細胞(Stem Cell)
	PH98	Hsin-Hung Lin	The Morphogenesis Study of Alveolar Type I-Like Cells Regulated by Oxygen Tension	Hsin-Hung Lin1, Cheng-Wei Wang1, Thai-Yen Ling1,2	幹細胞(Stem Cell)
	PH99	Hsin-Hung Lin	Elucidating the roles of coxsackie/adenovirus receptor (CXADR/CAR) and CAR+/cells for the generation of lung cancer plasticity	Hsin-Hung Lin1, Wan-Hua Peng1, Thai-Yen Ling1,2	幹細胞(Stem Cell)
	PH100	Hsin-Hung Lin	Identification of Differentially Expressed Genes and Heterogeneous Populations in the Differentiation Process of Pulmonary Stem/Progenitor Cells into Alveolar Type I-Like Cells by scRNA-seq	Hsin-Hung Lin1, Pei-Wen Pai1, Thai-Yen Ling1,2	幹細胞(Stem Cell)
PH101	林詩軒	Correction of RS1 Mutation via CRISPR/Cas9-mediated Base-Editing in X-linked Retinoschisis Patient Specific iPSC-Derived 3D Retinal Organoids	林詩軒·陳汶湘·周士傑·邱士華	幹細胞(Stem Cell)	
PH102	Yu-Li Chen	Lophatherum gracile Brongn. is a potent herbal medicine for COVID-19	Yu-Li Chen1, Kuei-Hung Lai2, Yu-Chia Chang1, Yu Fang3, Pei-yu Chao3, and Tsong-long Hwang*1,3	感染(Infection)	



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第七組	PH103	馮喆敏	Exosomes Regulate Switch from M1 to M2 Macrophages to Reduce Kidney Inflammation in 5/6Nx Mice	馮喆敏,曾國峰,蔡秉宣,陳芳玉,沈明毅	發炎(Inflammation)
	PH104	David Achudhan	Anticin K Inhibits TNF- $\alpha$ , IL-1 $\beta$ and IL-8 Expression in Synovial Fibroblasts and Ameliorates Cartilage Degradation: Implications for the Treatment of Rheumatoid Arthritis	David Achudhan1, Shan-Chi Liu 2 and Chih-Hsin Tang1,3,4	發炎(Inflammation)
	PH105	謝文聰	Imperatorin attenuates the LPS/TLR4 co-receptors interaction and I $\kappa$ B/NF- $\kappa$ B, MAPK/AP-1, and JAKs/STATs inflammatory signaling pathways in LPS-stimulated RAW264.7 murine macrophage cells	謝文聰1,2,* 林昱昶 1, 黃美勳 3, 呂平江4, 劉益忠5, 張永勳6, 林維勇7, 鍾景光8	發炎(Inflammation)
	PH106	楊建中	Anti-Inflammatory Effects of Rhamnetin on Bradykinin-Induced Matrix Metalloproteinase-9 Expression and Cell Migration in Rat Brain Astrocytes	楊建中, 楊春茂	發炎(Inflammation)
	PH107	蘇振銘	Effect of Melatonin as Oral Administration to Sarcopenic Animal Model	蘇振銘, 吳宜璇, 湯智昕	發炎(Inflammation)
	PH108	陳智光	Theissenolactone C Attenuates Lipopolysaccharide-induced TAK-1/TAB/IKK Signaling and Improves Endotoxemia	鄭幼文·林凡立·周泳臣·王孟宏·陳俊翰·李昱潔·許凱程·林偉德·簡銘賢·李宗徽*·蕭哲志*	發炎(Inflammation)
	PH109	王俞涵	Apelin Affects the Progression of Osteoarthritis by Regulating VEGF-Dependent Angiogenesis and miR-150-5p Expression in Human Synovial Fibroblasts	王俞涵, 劉軒誌, 湯智昕	發炎(Inflammation)
	PH110	謝銘城	Silymarin ameliorates heat stroke-induced multiple organ dysfunction and reduced mortality rate in rats	謝銘城, 沈信學, 李燕媚*	發炎(Inflammation)
	PH111	曾于萱	MethylEugenol inhibits osteoclastogenesis via suppression of RANKL-induced activation of NF- $\kappa$ B and p38 MAPK pathways	曾于萱, 沈信學, 李燕媚	發炎(Inflammation)
	PH112	Yu-Hsiang	Fucoanthin Decreases Lipopolysaccharide-Induced Acute Lung Injury Through the Inhibition of RhoA Activation and the NF- $\kappa$ B Pathway	關宇翔, 雷詠淳, 李建瑩	發炎(Inflammation)
	PH113	劉軒誌	Connective Tissue Growth Factor (CTGF/CCN2) increases IL-17 production via reducing miR-655 expression in Osteoarthritis Synovial Fibroblasts	劉軒誌1,湯智昕2*	發炎(Inflammation)
	PH114	洪昆源	Biological activity of precious essential oils	洪昆源·范義彬·蔡景株·吳芯慧	發炎(Inflammation)
	PH115	施雅方	Thrombin induces COX-2 and PGE2 expression via PAR1/PKC $\alpha$ /MAPKs-dependent NF- $\kappa$ B activation in human tracheal smooth muscle cells	施雅方, 楊春茂	發炎(Inflammation)
	PH116	巫宸昀	The Anti- and Inhibitory Inflammation Ability of Paeonol on Alveolar Macrophages	巫宸昀·葉威蘭	發炎(Inflammation)
	PH117	陳志明	P2X7 Activation Involves in Sodium Iodate Induced Retinal Cell Death and Retinopathy	陳志明·Ponarulselvam Sekar·蕭哲志·林琬琬	發炎(Inflammation)
	PH118	Ponarulselvam Sekar	Interplay of AMPK and PARP in UVA-Induced Autophagic Cell Death in Retinal Epithelial Cell	Ponarulselvam Sekar·黃婷茵·陳志明·林琬琬	發炎(Inflammation)
PH119	鄭景元	Pan-Caspase Inhibitor zVAD Induces Necroptotic and Autophagic Cell Death in TLR3/4-Stimulated Macrophages	鄭景元·陳元森·莊惟筑·龔秀妮·黃婷茵·Ponarulselvam Sekar·林琬琬	發炎(Inflammation)	
PH120	林彥佑	Otmentin-1 Promote M2 Macrophage Polarization through Increasing Interleukin-4 (IL-4) expression in Human Synovial Fibroblast.	林彥佑, 湯智昕*	發炎(Inflammation)	



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第八組	PH121	林佳良	Magnolin Extracted from Magnolia Flos Impact M2 Macrophage Properties and Contributes to Anti-Cancer Progression in Cervical Cancer	林佳良1, 2、謝逸惠1, 3	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH122	Ida Fitriana	The Mechanism and Potential Efficacy of Aza-PBHA, an Aryl Hydrocarbon Receptor Activator in Diabetic Retinopathy	Ida Fitriana1,#, 吳佳樺1,#, 許泰儒1, 蕭哲志2, 楊宗珉1, 詹燕茹1, 康照洲3*, 鄭幼文1*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH123	張鈞翰	Stelletin B Induces Apoptosis and Autophagy in Human Bladder Cancer RT112 cells	張鈞翰、陳美全	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH124	蘇郁淇	Lycorine induced apoptosis and cell cycle arrest in renal cell carcinoma	蘇郁淇, 陳美全	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH125	黃德富	The Safer Antithrombotic Derived from Snake Venom Disintegrin Acts as Pure Antagonist of Platelet $\alpha$ Ibb3	郭育汝1, 鍾鏡湖1, 莊偉哲2*, 黃德富1, 3*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH126	陳韻芳	Acute and Subacute Toxicity of Fluorescent Gold Nanoclusters Conjugated with $\alpha$ -Lipoic Acid	陳韻芳, 鍾鏡湖	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH127	Yen-Ting Chen	A Potent, Orally Active MYC-Degradation Agent for SCLC Treatment	Yen-Ting Chen, Chun-Ping Chang, Ya-Hui Chi, Yi-Yu Ke, Wen-Hsing Lin, Dai-Hui Jhuo, Wan-Ping Wang, Chia-Hua Tsai, Yu-Jie Su, Ming-Chun Hung, Zhong-Wei Wu, Po-Chu Kuo, Teng-Kuang Yeh, Ching-Ping Chen, Jen-Shin Song, Chuan Shih, Jang-Yang Chang, Chiung-Tong Chen	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH128	邱泰裕	Discovery of Peptide-Drug Conjugates Targeting Luteinizing Hormone-Releasing Hormone Receptor-Positive Tumors as Anti-Cancer Therapeutics	邱泰裕, 徐嘉瑜, 劉于維, 黃冠勳, 蔡靜樺, 王敏先, 陳錦萍, 黃貞龍, 黃郁珍, 葉燈光, 鄒倫以及陳炯東	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH129	林凡立	The Protective Effects and Mechanisms of Fungal Derivative 3,4-Dihydroxybenzalacetone in Blue Light-induced Retinal Photoreceptor Cell Damage and Degeneration in Vivo	林凡立1, 陳俐卉1, 何昭德2, 吳亮寰1, 3, 郭悅雄4, 鄭幼文5, *, 蕭哲志1, 3, *	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH130	張婉萱	Effects of Ergosta-7,9(11),22-trien-3 $\beta$ -ol on 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine (MPTP)-Induced Reduction of Skeletal Muscle Mass and Motor Activity in C57BL/6 Mice	張婉萱1,2, 方偉宇1, 郭悅雄3,4, 林志隆5,6, 羅怡卿1,2*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH131	盧冠蓉 謝政穎	Bioactive alkaloid of the bark of Cinchona exerts neuroprotective effects in a transient focal ischemia/reperfusion mice model	盧冠蓉, 謝政穎	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH132	黃心嵐	Chemical Constituents of Soft Coral Sinularia leptoclados and their Anti-inflammatory Activity	黃心嵐1, 張祐嘉2, 汪依璿3, 黃聰龍1,2,4,*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH133	邱言純	An aliphatic hydrocarbons-enriched extract of Agrimonia pilosa Ledeb. attenuates neutrophil elastase activity	Yan-Chun Qiu1, Yu-Li Chen2, Tsong-Long Hwang1,2,3*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH134	方偉宇	Effects of Logenin on Paclitaxel-Induced C2C12 Myotube Atrophy	方偉宇1, 鄭琳1,2, 吳彩榕1,2, 羅怡卿1,2*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH135	張祐嘉	9,11-Secosteroids from Octocoral Sinularia leptoclados Have Anti-inflammatory Activity	張祐嘉1, 黃聰龍1,2,3*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
PH136	Chun-Han Su	Discovery of Antiproliferative Compounds from Chinese Herbal Medicine Using Mass Spectral Molecular Networking	蘇俊翰, 宮庭萱, 楊玉良, 黃聰龍	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)	
PH137	吳明芝	Traditional Chinese Medicine (TCM) Extracts Inhibit Metastasis in Lung Cancer Cells	吳明芝·吳志中·王惠君	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)	

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第九組	PH138	chin hui chuang	Anti-angiogenic mechanisms of novel benzimidazole derivatives	莊晉惠 1、張華景 2、許銘仁 1, 3、黃綉文 * 1,3,4	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH139	Shiu-Wen Huang	A novel small molecule inhibitor, BIM-2, impairs tumor angiogenesis and growth by interfering with VEGF-A/VEGFR-2 pathway	黃綉文, 許銘仁	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH140	Ming-Jen Hsu	A Novel Hydroxamate Derivative WMJ-F-09 Induces Colorectal Cancer Cell death via LKB1-p53-survivin Signaling	許銘仁, 黃綉文, 黃偉展	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH141	呂婉榕	Vincristine inhibits platelet activation via suppressing Akt and MAPK phosphorylation	呂婉榕1,2, 康玲瑄3, 林冠宏4, 陳瑞杰5, 許準榕2,3	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH142	陳柏任	Bletinib ameliorates neutrophilic inflammation and lung injury by inhibiting Src family kinase phosphorylation and activity	陳柏任、高定一、黃聰龍	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH143	吳峻誠	An Iridoid Glycoside Loganin Blocks ATP-Sensitive Potassium Channels and Stimulates Insulin Secretion in $\beta$ Cell Line RIN-m5F	吳峻誠、謝素玲、張毓秦、安麗梅、吳炳男*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH144	吳峻誠	Eugenosedin-A Ameliorates Obesity-Related Hyperglycemia by Modulating KATP Channels and Insulin Secretion in Pancreatic $\beta$ Cells	吳峻誠1、林榮峙2、顏宇寬1、李建興1、沈國屏3、吳炳男1*	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH145	Yune-Fang Ueng	The pharmacokinetic changes of nifedipine by repeated Shengmai-San administration: inhibition of oxidative metabolism by ingredients herbal	翁芸芳、王鴻展、譚家惠、江姿儀、陳薇晴、沈建昌	新藥研究(Drug Discovery)、中草藥 (Chinese Herbal Medicine)
	PH146	羅琮凱	Cannabinoids orchestrate cross-talk between cancer cells and endothelial cells in colorectal cancer	羅琮凱, 周佩萱, 黃襄國, 林文峻, 王俊皓, 魏子堂	腫瘤學(Oncology)
	PH147	HABEEBAT ADERONKE, MUSTAPHA	The Role of EGFR-TKI Resistant Cells in Modulating Tumour Microenvironment of Lung Cancer Using Lung Organoid Model	穆黛可, 娜莉倪, 王夢蓮, 邱士華	腫瘤學(Oncology)
	PH148	蕭水銀	Synergistic Anticancer Effects of Methylene Blue Coupling with N,N-Dimethyl-4-Nitrosoaniline(RNO) and Metal Ions on the Cultured Cells.	蕭水銀	腫瘤學(Oncology)
	PH149	李嘉雯	Vorinostat and Doxorubicin improved Anticancer Effect in Bladder Cancer Cells.	李嘉雯, 劉怡文*	腫瘤學(Oncology)
	PH150	劉薰	NRF2 Promotes Expression and Secretion of IL-33, a Danger Signal Cytokine, upon Stress Stimulation	劉薰, 謝智雄, 王憶卿	腫瘤學(Oncology)
	PH151	陳鏡宇	Transcription Regulation of Chitinase-3-like 1 Gene and Development of Blocking Antibody Against Its Encoded Secretory Protein	陳鏡宇1, 蘇珮嘉2, 余旻樺1, 楊佩嫻1, 張志鵬2,3, 王憶卿1,2	腫瘤學(Oncology)
PH152	楊秉澤	SUMOylation of RNA helicase DHX9 is important for genome stability	楊秉澤, 林耿如, 鄭慶安, 吳青錫	腫瘤學(Oncology)	
PH153	林良蔚	Melatonin Inhibits MMP-13 Expression and Tumor Metastasis via MT1 Receptor, PLC- $\gamma$ and c-Jun Pathways in Human Prostate Cancer	林良蔚1、湯智昕1,2*	腫瘤學(Oncology)	

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第十組	PH154	陳思彤	TGF- $\beta$ Induces Blimp-1 Gene Expression in Prostate Cancer Cells via Smad-Dependent Stabilization of EGFR and EGFR Transactivation	陳思彤, 李惠珉, 黃婷茵, 林琬琬	腫瘤學(Oncology)
	PH155	何郁潔	Mechanism for mitochondrial SLC1A5var modulating glucose dependency of breast cancer cells	何郁潔, 李新城	腫瘤學(Oncology)
	PH156	Loh Jit Kai	The Study of iMSC Paracrine Factors Effect on Lung Cancer Cell.	Jit-Kai Loh, Soon-Keng Cheong, 王夢蓮, Alan Han-Kiat Ong, 邱士華教授	腫瘤學(Oncology)
	PH157	王境璿	Differential inhibitory mechanism of Aspirin and Sulindac on store-operated calcium channel in colorectal cancer	王境璿, 林鈺喬, 張偉嶠, 黃婉嬪	腫瘤學(Oncology)
	PH158	周品鈞	Role of MTPAP in Mitochondrial Function and Malignant Progression of Cancer Cells	周品鈞, 李新城	腫瘤學(Oncology)
	PH159	劉毅康	Apelin promotes Prostate Cancer Metastasis by downregulating TIMP2 through increasing miR-106a expression	劉毅康1, 湯智昕2*	腫瘤學(Oncology)
	PH160	Varsha Rathore	Role of CASK in Prostate Cancer Cell Migration and Invasion	方莎, 林佳怡, 林琬琬	腫瘤學(Oncology)
	PH161	Varsha Rathore	Roles of NLRX1 in Cell Growth, Survival and Migration in Prostate Cancer Cells	方莎1, 林琬琬2	腫瘤學(Oncology)
	PH162	Nguyen Bao Tran	Melatonin Impedes Chondrosarcoma Cell Metastasis by Suppressing MMP-7 Expression	Nguyen Bao Tran, 馮逸卿, 湯智昕	腫瘤學(Oncology)
	PH163	林智暘	WISP-3 Stimulates VEGF-C-Dependent Lymphangiogenesis in Human Chondrosarcoma Cells by Inhibiting MiR-196a-3p Synthesis	林智暘1, 湯智昕1, 2, 3, 4*	腫瘤學(Oncology)
	PH164	Nguyen Thi Nha Trang	Apelin promotes osteosarcoma cell migration by upregulating PLOD2 expression via the Hippo signaling pathway and hsa_circ_0000004/miR-1303 axis	Nguyen Thi Nha Trang	腫瘤學(Oncology)
	PH165	Le Huynh Hoai Thuong	Bone sialoprotein Promotes Non-Small Cell Lung Cancer Metastasis to Bone by Stimulating MMP14 Production and RANKL-dependent Osteoclastogenesis	Le Huynh Hoai Thuong, 湯智昕	腫瘤學(Oncology)
	PH166	蔡筱琪	CCL4 Stimulates Angiopoietin-2 Expression via the MEK/ERK/STAT-3 Pathway in Oral Squamous Cell Carcinoma	蔡筱琪, 連銘渝, 湯智昕	腫瘤學(Oncology)
	PH167	林子箴	The feasibility and pharmacological mechanism of CK1 $\delta/\epsilon$ inhibitors in clear cell renal carcinoma	林子箴1, 陳美全2, 謝宗翰3, 陳俊翰1*	腫瘤學(Oncology)
PH168	黃婷茵	Epigenetic upregulation of spleen tyrosine kinase expression by p53 in cancer cells is through downregulation of DNA methyltransferase	黃婷茵 · 呂上德 · 林琬琬	腫瘤學(Oncology)	
PH169	陳彥鋈	Diltiazem Suppressed Triple-Negative Breast Cancer Metastasis via Reversing Epithelial-Mesenchymal Transition	陳彥鋈1, 葉威蘭1, 2*	腫瘤學(Oncology)	