



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	

中華民國免疫學會

3/25分組	編號	第一作者	論文題目	作者群姓名	研究領域
第一組	IM01	陳宜君	Advanced glycation end products (AGEs) cause neutrophil extracellular traps (NETs) and dietary metabolites result in consequent vascular chronic inflammation and stiffness	陳宜君, 莊雯婷, 陳斯婷, 鄭浩民, 陳震寰	心血管系統(Cardiovascular System)
	IM02	Anubha Joshi	To investigate the immunomodulatory effects of extracellular vesicles from dengue virus-activated platelets	謝世良, 宋佩珊	免疫(Immunology)
	IM03	林慶政	TREM-2 mediates dendritic cell-induced NO to suppress Th17 activation and ameliorate chronic kidney diseases	林慶政, 張笛筠, 盧永成, 吳昀軒, 黃偉, 羅偉綺, 劉冠甫, 徐偉展, Pamela S. Ohashi, Tak W. Mak, 傅中玲, 陳惠珍, 唐德成, 陳念榮	免疫(Immunology)
	IM04	藍喬馨	OSR1 and SPAK cooperatively promote Th17 differentiation and progression of experimental autoimmune encephalomyelitis	藍喬馨, 簡明偉, 蘇怡安, 楊松昇, 林石化, 陳錫洲, 司徒惠康	免疫(Immunology)
	IM05	李清萊	The Regulation of T Cell Receptor Proximal Signaling by WW Domain-Containing Oxidoreductase	李清萊 · 許翰誠 · 徐麗君	免疫(Immunology)
	IM06	姜雅文	TI-LCC, a Novel Herbal Compound, Alleviates Acute Graft versus Host Disease	姜雅文1, 簡于傑1, 林麗純2, 周秀慧1*	免疫(Immunology)
	IM07	邱奕璋	IL-10 enhances CD8+T cells effective functions in Hepatocellular Carcinoma	邱奕璋, 王禹文, 莊雅惠	免疫(Immunology)
	IM08	Mei-Jun Lai	Immune Response to SARS-CoV-2 Vaccination in Kidney Transplant Recipients	賴玟君 · 李雅芬 · 陳建嘉	免疫(Immunology)
	IM09	林佳儀	IL-37 Increases Inflammation in Con A Induced Hepatitis by Increasing NK Cells	林佳儀, 莊雅惠	免疫(Immunology)
	IM10	王妙容	Study of the IL-2-Induced Liver Immune Responses and on Hepatocellular Carcinoma	王妙容, 林佳儀, 莊雅惠	免疫(Immunology)
	IM11	范琇涵	To Investigate the Role of SLC40A1 in Thymic Macrophage for the Maintenance of Thymic Homeostasis	范琇涵, 周庭安, 葛一樊, 徐嘉琳	免疫(Immunology)
	IM12	莊雯婷	Establishment of a Mechanical Stress Based Psoriatic Arthritis Mouse Model Presenting with Entesitis: a Preliminary Study	莊雯婷1, 曹彥博1,2, 柯宏儒1, 陳怡君3, 陳斯婷1*	免疫(Immunology)
	IM13	黃昱嘉	To Investigate the Role of ENT3 in Tumor-Associated Macrophages in the Tumor Microenvironment Using the Lewis Lung Carcinoma Model	黃昱嘉, 李健榕, 陳念榮, 徐嘉琳	免疫(Immunology)
	IM14	彭冠儒	Establishment of Multiplex IHC Staining Panel and Immune Subpopulation Quantification System for Cancer Prognosis	彭冠儒1, 胡隨藝1, 葉致宏1, 尤韋傑1, 莊俊庭1, 葉嘉意1, 游舒涵1*	免疫(Immunology)
	IM15	黃深彥	The Role of Equilibrative Nucleoside Transporter 3 in Balancing T cell Nucleotide Pool	黃深彥, 魏晉文, 李佳瑩, 鄭學樂, 葛一樊, 徐嘉琳	免疫(Immunology)
	IM16	莊千萱	Single-cell Meta-Analysis of Distinct Signatures in Bacterial Sepsis	莊千萱1, 宋曉妮1, 王瀟瑢1, 柯泰名1,2,3,4*	免疫(Immunology)
	IM17	簡明偉	Enhanced beta1,6 GlcNAc-branched N-glycans promotes IL-21R signaling on CD8 T cells to exacerbate autoimmune diabetes	簡明偉 · 董佳鈴 · 司徒惠康	免疫(Immunology)
	IM18	楊明翰	Multi-omic profilings reveal DNA damage repair pathway and 3D chromosome organization as the regulatory checkpoint for T cell exhaustion	楊明翰, 林迪拓, 呂雅婷, 陳世洵, 張家銘	免疫(Immunology)

中華民國免疫學會

3/25分組	編號	第一作者	論文題目	作者群姓名	研究領域
第二組	IM22	Yen Po Tsao	NLRP12 Deficiency Mice Present Severer Lupus Nephritis in a Pristane-Induced Lupus Like Model	曹彥博, 莊雯婷, 曾方禹, 陳斯婷	免疫(Immunology)
	IM19	楊立瑄	Noscapine Attenuates Auto-immune Disease by Reducing the Polarization of Th17 Cells	楊立瑄, 蔡忠穎, 葛依青, 林銜德, 楊皇煜	免疫(Immunology)
	IM20	陳家華	Investigation of CLEC5A-mediated Induction of $\gamma\delta$ T17 in Promoting Host Defense During <i>Listeria monocytogenes</i> Infection	陳家華 · 趙之偉 · 陳斯婷	免疫(Immunology)
	IM21	胡隨藝	Exploring the Immune Contexture within Tumor Microenvironment in Non-Small Cell Lung Cancer (NSCLC) by Multiplex Immunohistochemistry and Multispectral Quantitative Imaging	胡隨藝1*, 彭冠儒1*, 葉致宏1, 尤韋傑1, 林璋晨1, 葉嘉意1, 莊俊庭1, 游舒涵1*	免疫(Immunology)
	IM23	Babamale Olarewaju Abdulkareem	NLRP12 negatively regulates inflammatory cell deaths, and noncanonical inflammasome to restrict GSDMD-dependent NETosis via type 1 IFN signaling	Babamale Olarewaju Abdulkareem (巴巴馬) and Szu-Ting Chen (陳斯婷)	免疫(Immunology)
	IM24	許育愷	The Modulatory Role of c-Maf in T Regulatory 17 Cells during Experimental Autoimmune Encephalomyelitis	許育愷1*、董佳鈴2、簡明偉1,3、司徒惠康1,2,3	免疫(Immunology)
	IM25	吳采蕙	Characteristics of anti-PLA2R antibodies from patients with idiopathic membranous nephropathy	吳采蕙, 塗昆樺, 林弓葳, 施瀚博, 丁鶴婷, 顧正崙	免疫(Immunology)
	IM26	徐璿博	Heparan sulfate is essential for thymus growth but not maintenance	徐璿博、葛一樊	免疫(Immunology)
	IM27	張軒嘉	Role of MicroRNA-17-92 in Modulating Rejection Response in a Mouse Skin Transplantation Model	張軒嘉 郭彥志 葛依青 蔡忠穎 楊皇煜	免疫(Immunology)
	IM28	邵正玄(缺席)	C-Kit Signaling Modulated Type 3 Innate Lymphoid Cells Function in a Mouse Neutrophilic Asthma Model	邵正玄, 紀柏羽, 張雅貞	免疫(Immunology)
	IM29	江宏宇	Cross-regulation of Host Defense Against Crohn's Adherent-invasive <i>Escherichia coli</i> by IL-22 and IL-18 at The Frontline Epithelial Barrier	江宏宇1, 呂學翰1, 蘇塔克1, 陳郁文1,2, 施念忻1, 翁意婷1, 徐志文1*	免疫(Immunology)
	IM30	傅馨慧	The Cross-compensation of c-Maf for Blimp-1 Disruption in an IL-27/IL-10 Axis Rescues T Cell-derived IL-10 Expression to Rebalance Intestinal Homeostasis	傅馨慧1,2, 許詔淵2, 簡明偉1,2, 劉鈺文1,2, 司徒惠康1,2*	免疫(Immunology)
	IM31	張慕申	Fibrinogen-like protein 1 as an anti-inflammatory agent for rheumatoid arthritis therapy	張慕申 · 蔡允榛 · 方恬芳 · 林文璋	免疫(Immunology)
	IM32	陳瑋璿	A "ménage à trois" in the gut: a cellular network processing luminal fungi and modulate mucus homeostasis in small intestine	陳瑋璿, 蔡雨寰	免疫(Immunology)
	IM33	周佳儀	Development of LC-MS/MS Method to Determine Endogenous Human IgG Profiles and Serum Concentration of Type 1 AIP Therapeutic Drug	周佳儀, 張毓廷, 章明珠, 蔡伊琳	免疫(Immunology)
	IM34	蘇和萱	Investigating IgG4 glycosylation profiles for biosignature discovery in IgG4-related disease by using UHPLC-MS/MS	蘇和萱1, 張毓廷2, 章明珠2, 蔡伊琳3*	其他(Others)
IM35	羅聖旻	R848, the TLR7 agonist, impaired barrier function of retinal pigment epithelium	羅聖旻1、洪薇馨1、黃奕修1, 2、劉昭麟3、沈家瑞1, 2*	免疫(Immunology)	
IM36	王蕙荃	Development single-cell ROS regulome profiles of CD8+ T cell	王蕙荃	免疫(Immunology)	

中華民國免疫學會

3/25分組	編號	第一作者	論文題目	作者群姓名	研究領域
第三組	IM37	楊季軒	HECT E3 Ligase Inhibitor Heclin Alleviates TLRs-mediated Inflammation and Murine Endotoxic Shock	楊季軒(1,2) · 陳嘉玲(3*) · 林秋烽(1,2*)	發炎(Inflammation)
	IM38	陳盈州	Development of Lipid-encapsulated TXNDC5-siRNA Drug for Treating Liver Fibrosis of Schistosomiasis and the Action Mechanism Research	陳盈州, 鄭柏青	感染(Infection)
	IM39	冉明偉	Characterization of Pathogenesis and Inflammatory Responses to Experimental Parechovirus Encephalitis	冉明偉1, 2, 蘇鴻麟3, 張聰賢4, *, 蔡坤哲1,5, *	感染(Infection)
	IM40	謝坤翰	Study on the influence of SARS-CoV-2 antibodies on thrombosis formation	謝坤翰, 葉才明*	感染(Infection)
	IM41	Pei Shan Sung	CLEC5A is critical in Pseudomonas aeruginosa-induced acute lung injury	Pei-Shan Sung, Yu-Chun Peng, Shao-Ping Yang, Cheng-Hsun Chiu, Shie-Liang Hsieh	感染(Infection)
	IM42	尤韋傑	Organ Repair and Fibrosis: Establishment of HDAC Inhibitor Drug Screening Platform in Mitigating TGF- β Induced Lung Fibrosis	尤韋傑, 葉致宏, 莊俊庭, 葉嘉意, 彭冠儒, 胡隨藝, 游舒涵	新藥研究(Drug Discovery) · 中草藥(Chinese Herbal Medicine)
	IM43	黃襄國	Anti-cancer effects of induced pluripotent stem cell (iPSC)-based vaccine in colorectal cancer	黃襄國 1, 李丞鈞 2, 林志萱3, 魏子堂1*	腫瘤學(Oncology)
	IM44	盧品君	Mannose receptor C type 2 promotes migration and invasion via an SCD-1-related modulatory axis to affect EMT progression of gastric cancer	盧品君1, 邱馨瑩2, 王俊偉3, 吳登強4, 林明宏5,*	腫瘤學(Oncology)
	IM45	Shih-Han Ko	Monoclonal Antibodies against Nucleocapsid Protein of SARS-CoV-2 Variants for Detection of COVID-19	呂瑞旻1, †, 柯釋涵1, †, 陳宛余2, 張育綾1, 林秀亭2, 吳漢忠 1,2*	轉譯醫學(Translation Medicine)
	IM46	王俊偉	MRC2 Promotes Cancer-Associated Fibroblasts to Secret Soluble Factors thereby Affecting Gastric Cancer Cell Mobility and Critically Revealing Worse Impacts on the Overall Survival Rate of Patients	王俊偉1, 盧品君2, 邱冠蓉3, 邱馨瑩4, 林明宏5,*	轉譯醫學(Translation Medicine)
	IM47	王奕夫	Development of highly cytolytic human NK using gelated-feeder-cell-expansion system	王奕夫 · 徐崇堯 · 胡哲民 · 陳世清	轉譯醫學(Translation Medicine)
	IM48	郭慧茹	MRC2 Deficiency Ameliorates Nonalcoholic Fatty Liver Disease Progression through Regulating Infiltration and Differentiation of Kupffer Cells in the Liver of HFD-fed Mice	郭慧茹1, 邱馨瑩2, 林明宏3,*	轉譯醫學(Translation Medicine)
	IM49	梁剛豪	Antibody cocktail effective against variants of SARS-CoV-2	梁剛豪 · 姜伯穎 · 柯釋涵 · 呂瑞旻 · 吳漢忠*	轉譯醫學(Translation Medicine)
	IM50	萬磊	Cytomegalovirus Late Protein UL94 Antibody and Galectin-9 Modulates T cell and Macrophage Polarization to Promote Systemic Sclerosis	萬磊, 許好安	分子生物學(Molecular Biology)
	IM51	萬磊	Aberrant Photoreceptor Outer Segment Renewal Promotes TGF- β Mediated Complement Activation to Enhance the Development of Myopia	萬磊, 周詠嵐, 許好安	分子生物學(Molecular Biology)
	IM52	楊璨滋	The role of SUMO-specific protease 2 in the Th17 cells	楊璨滋, 江明峰, 施修明, 林國儀	免疫(Immunology)
IM53	施瀚博	Pathogenic autoantibodies to IFN- γ act through the impedance of receptor assembly and Fc-mediated response	施瀚博1 丁靜雅1 林嘉豪1 陳泓愷2 張子文3 齊治宇4 顧正崙1	免疫(Immunology)	

中華民國免疫學會

3/25分組	編號	第一作者	論文題目	作者群姓名	研究領域
第四組	IM54	盧俊豪	UVB-induced Treg Cells Exert Antigen-specific Suppression through LAG-3	盧俊豪1, 溫庭睿1, 蔡呈芳2, 翁浩睿2,3,4, 梁碧惠5,6, 劉扶東1, 李永凌1	免疫(Immunology)
	IM55	江曉玲	Generation of SARS-CoV-2 Neutralizing Human Antibodies from Single B cells Platform	江曉玲1, 梁剛豪1, 呂瑞旻1, 姜伯穎1, 林秀亭2, 吳漢忠1,2	免疫(Immunology)
	IM56	Hao-Yu Chung	The role of ARHGEF1 in lipid droplet formation	鐘浩毓, 江皓森	免疫(Immunology)
	IM57	程泓儒	To Investigate the Effects of Sleep Restriction on Immune Profiling	程泓儒 · 宋柏儀	免疫(Immunology)
	IM58	陳銘發	Exploring the mechanisms of influenza A virus non-structural protein 1 (NS1)-mediated innate immune evasion	陳銘發1 · 馬聖凱1 · 凌斌1,*	免疫(Immunology)
	IM59	SANDRA ABRIL HERRERA HEREDIA	Heparin is required for mast cells granule formation and survival	葛一樊	免疫(Immunology)
	IM60	Yenling Chiu	Polyfunctional endogenous EBV-specific T cell response in nasopharyngeal carcinoma	邱彥霖 · 廖立人 · 周三芳 · 陳一攸	免疫(Immunology)
	IM61	鍾佳謙	Staphylococcus aureus-caused Keratinocytes Necroptosis Increases Dermal IL-33 Release in Atopic Dermatitis	鍾佳謙 · 駱佳慧 · 張雅貞	免疫(Immunology)
	IM62	林以荷	Investigation of the effect of Inflammatory bowel diseases-associated leucine-rich repeat kinase 2 (LRRK2) on immune responses in neutrophil	林以荷 · 江皓森	免疫(Immunology)
	IM63	馬思露	Investigating the impact of Leucine-rich repeat kinase 2 (LRRK2) on neutrophil mitochondrial functions and neutrophil extracellular trap (NET)	馬思露 · 江皓森	免疫(Immunology)
	IM64	鄭惠瑰	The Myeloid Landscape of the Thymus	鄭惠瑰, 葛一樊	免疫(Immunology)
	IM65	林岳賢	The Role of Serine Synthesis Pathway and One Carbon Metabolism in Humoral Response	林岳賢, 劉柏均, 呂春敏	免疫(Immunology)
	IM66	林谷峻	Alpha-lipoic acid inhibits spontaneous diabetes and autoimmune recurrence in non-obese diabetic mice by enhancing differentiation of regulatory T cells	林谷峻	免疫(Immunology)
	IM67	徐愷翔	Impaired T cell functionality in End-stage Renal Disease is not reversed by immune checkpoint blockade	徐愷翔, 賴方筠, 賈景山, 邱彥霖	免疫(Immunology)
IM68	王麗婷	WLS/wntless is essential in controlling dendritic cell homeostasis via a WNT signaling-independent mechanism	王麗婷, 林明宏, 黃嘯谷, 許世賢	免疫(Immunology)	
IM69	陳郁文	IBD Gene RNF186 Regulates Intestinal Homeostasis by Targeting Paneth Cells	陳郁文, 江宏宇, 徐志文	免疫(Immunology)	
IM70	劉鈺文(缺席)	Blimp-1 moulds the epigenetic architecture of IL-21-mediated autoimmune diseases through an autoregulatory circuit	劉鈺文, 傅馨慧, 簡明偉, 許詔淵, 林明宏, 董佳鈴, 陸芮嫻, 李怡靜, 陳柏仰, 王智弘, 司徒惠康	免疫(Immunology)	

中華民國免疫學會

3/25分組	編號	第一作者	論文題目	作者群姓名	研究領域
第五組	IM71	丁靜雅	A combo method to evaluate the adjuvant therapy of rituximab in patients with anti-IFN- γ autoantibodies	丁靜雅·齊治宇·施瀚博·丁鶴婷·羅郁方·羅佳祺·塗昆樺·葉竣甫·黃文琦·陳柏齡·林國璽·顧正崙	免疫(Immunology)
	IM72	林峰任	Galectin-12 Regulates the Skin Immune Response Through the Sebaceous Glands	林峰任1,2·黃芸熙1,2·曹經漢2,3·謝璋珍2·羅婉心4,5·Christos C Zouboulis 6·劉扶東1,2,7	免疫(Immunology)
	IM73	陳明玉	Adenosine Receptor A2BR Regulates B Cell Proliferation, Inflammation and Germinal Center Response	陳明玉1, 蔡佩汝1, 蘇郁文1*	免疫(Immunology)
	IM74	翁子軒	Identification of immune cell compositions and genes in epithelial ovarian tumor microenvironment for diagnosis evaluation using integrated bioinformatics methods from public transcriptomic data	翁子軒·孫昭玲	免疫(Immunology)
	IM75	張展瑜	Study the Signal Transduction Pathways of Mef2c in FL-Regulated Development of Plasmacytoid Dendritic Cell	張展瑜·李建國*	免疫(Immunology)
	IM76	黃琦甯	The Combination of Insulin and Pioglitazone Promotes NLRP3 Inflammasome Activation and Gout Development through Metabolic Reprogramming	黃琦甯·林信仲·陳立強	免疫(Immunology)
	IM77	林祐聖	The role of a novel E3 ubiquitin ligase in the regulation of TLR3-driven immune responses	林祐聖1, 張詠淇1, 江蕙萱1, 賴亭諭1, 呂志豪2, 劉奕玲2, 莊宗顯2, 徐立中1*	免疫(Immunology)
	IM78	蘇塔克Janaki Narasimha Sudhakar	Lysosomal N-glycosylation Regulates Host Defense and Gut Microbiota	蘇塔克, 呂學翰, 孫慶妹, 陳郁文, 江宏宇, 黃明經, 徐志文	免疫(Immunology)
	IM79	Jing-Ying Huang	CASK Integrates PKR and HCK signals to facilitate Interferon alpha mRNP nuclear export in GM-macrophage during H5N1 infection	黃菁盈·于耀安·謝世良	免疫(Immunology)
	IM86	陳文凱	The Impact of Ketogenic Diet-triggered Changes in Microbiota or Glycosylation on T cell Pathogenicity and Autoimmune Diabetes Development in NOD Mice	陳文凱1,2, 傅馨慧2,3, 簡明偉2,3, 司徒惠康2,3*	免疫(Immunology)
	IM80	潘子云	The risk of malignancy in psoriasis patients receiving systemic medications: A population-based nested case-control study in Taiwan	潘子云1, 周佑儒2,3, 吳俊穎1,4,5, 吳貞宜2,6,7*, 張雲亭2,7	免疫(Immunology)
	IM81	陳宏霖	Galectin-4 modulates gut microbiota composition and suppresses tumor formation in a colitis-associated colon cancer mouse model	陳宏霖, 胡柏元, 劉扶東	微生物學(Microbiology)
	IM82	王宏洋	The study on the brain inflammation and the regulation of immune cells in the Angiostrongylus cantonensis-infected permissive and non-permissive hosts	王宏洋1,4, 張剛璋2,3 鄭柏青4	感染(Infection)
	IM83	許世賢	Hepatitis C virus core protein-intestine-specific homeobox axis promotes chronic liver disease progression	許世賢, 王森稔, 王麗婷	感染(Infection)
	IM84	康辰瑄	Anti-IFN- ω Autoantibodies Underlie Severe Pediatric Human Adenovirus Infection	康辰瑄, 羅佳祺, 郭貞熾, 顧正崙	感染(Infection)
	IM85	邱馨瑩	Apigenin Inhibits the Viral RNA Patterns-induced Mesenchymal Transition and Pulmonary Fibrotic Changes	邱馨瑩1,2, 曾國評3, 李聖怡4, 郭慧茹4, 林明宏4*	新藥研究(Drug Discovery)·中草藥(Chinese Herbal Medicine)
IM87	李奇珊	Bacterial Chains by Galectin-4 Restricts bacterial Motility and Promotes Inflammasome Activation in the Intestinal Epithelial Cells	李奇珊1, 駱子翰1, 屠庭瑞1, 闕帝硯2, 陳培菱2, 劉扶東1*	免疫(Immunology)	
IM88	何佳瑤	An insightful exploration of CD8+ T cells pathogenicity by CD5 expression and its impact on autoimmune diabetes	業禮慈·司徒惠康	免疫(Immunology)	