

# 2023醫學院研究日海報競賽獲獎名單

## Immunology group 免疫學組

學生	系所	指導老師	題目	名次	獎金
Liya Paramita	基醫所	孫孝芳	qPCR assay of vaginal microbiota reveals the associations of specific bacteria and IVF pregnancy outcome	1	5,000
蔡尉駿	基醫所	王淑鶯	Structure-functional studies on the interaction between NADase and SLO in the pathogenesis of Group A Streptococcus infection	2*	
龔俊嘉	基醫所	陳振暉	The mechanism of prophage $\phi$ NCKUH-21 in regulating Clostridioides difficile pathogenicity	2*	
洪子斌	基醫所	林威辰	Characterization of Trichomonas tenax invaded pulmonary inflammation and mucus hypersecretion response	3	2,000
李孟佳	基醫所	蔡佩珍	An accessible way to profile gut microbiome and its metabolic role	3*	
蘇昱丞	基醫所	陳柏齡	PAR-1/MARK kinase suppresses host immune response against Aeromonas dhakensis infection	3	2,000

\*註：口頭報告與海報競賽獎金僅得擇一支領。

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## Translation medicine group 轉譯醫學組

學生	系所	指導老師	題目	名次	獎金
謝惠臻	基醫所	陳昌熙	PRMT7 wards the plasma membrane integrity compromised by bacterial pore-forming toxin	1*	
侯奐慈	基醫所	蔡少正	TGF- $\beta$ 1-mediated repression of primary cilia suppresses the endometrial decidualization in endometriosis women	2*	
傅佩雯	基醫所	余建泓	Codon bias mediates gene expression through nuclear mRNA decay in human cells	2	3,000
李倫維	基醫所	湯銘哲	Mechanobiological mechanism of cyclic stretch-induced cell columnarization	3	2,000
唐筱茜	基醫所	蔡少正	IL-17A promotes DIE disease pathogenesis through activating Notch1 signaling and NGF upregulation	3	2,000
沈志宇	臨醫所	呂佩融	The Role of Periprostatic Brown Adipocyte in Prostate Cancer Cell Aggressiveness	3*	

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## Neuroscience group 神經科學組

學生	系所	指導老師	題目	名次	獎金
陳晉豪	基醫所	許桂森	Gut-to-brain vagal signaling to basal lateral amygdala mediates anxiety-like behaviors in experimental colitis mice.	1*	
Onanong Mee-Inta	基醫所	郭余民	Running exercise enhances the structure and function of meningeal lymphatic system and decreases amyloidosis 5xPAD mice	2*	
洪毓傑	基醫所	許桂森	Loss of oxytocin receptors in hilar mossy cells impairs social discrimination	2*	
賴姿廷	基醫所	吳偉立	The gut microbiota modulates locomotion via vagus-dependent glucagon-like peptide-1 signaling	3	2,000
程冠翔	基醫所	許桂森	Oxytocin Treatment Ameliorates Irritability-Like Behavior in CC2D1A Conditional Knockout Mice	3	2,000
許筠	基醫所	張雅雯	The transcranial direct current stimulation inhibits ischemic stroke-induced blood pressure increased by renin-angiotensin system and autophagy regulation	3	2,000

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## Cancer medicine group 癌症醫學組

學生	系所	指導老師	題目	名次	獎金
蘇珮嘉	基醫所	王憶卿	Secreted Protein Chitinase-3-like-1 in Cancer Progression: from Transcriptional Regulations to Clinical Applications	1*	
張立展	臨醫所	蘇文彬	Delivery of sitravatinib by Au-based biocompatible nanoparticle strengthens anti-cancer effects via tumor microenvironment remodeling by endocytosis-induced ER stress-mediated SYK kinase activation	2*	
林逸宣	基醫所	林世杰	Overexpression of Nudix Hydrolase 16 like 1 Causes Ferroptosis Insensitivity in Colon Cancer	2	3,000
林俞君	臨醫所	沈延盛	The role of Interleukin-8 in pancreatic cancer cachexia-induced fat wasting.	3	2,000
石馥瑄	基醫所	王憶卿 謝達斌	Anti-tumor effect of multi-functional zero-valent iron nanoparticle through promoting GSK3 $\beta$ / $\beta$ -TrCP degradation of NRF2 and activating immune responses	3	2,000
楊侑恩	基醫所	王憶卿	Cisplatin Induces Interleukin-33 Production to Promote M2-like Macrophages Polarization and ST2L Expression and Membrane Presentation via IL-33/ST2L/NF- $\kappa$ B/Rab37 Signaling and trafficking Loops.	3	2,000
謝宏嘉	基醫所	王憶卿	Deubiquitinase USP24 suppresses T cell antitumor activity via enhancement of PD-1 protein stability	3	2,000
蕭聖諺	臨醫所	洪澤民 張俊彥	MiR-455-5p suppresses PDZK1IP1 to promote the motility of oral cancer cells by regulating partial epithelial-to-mesenchymal transition	3	2,000

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## Allied health group 健康照護組

學生	系所	指導老師	題目	名次	獎金
吳靖農	公衛所	林宗瑩	Evaluation of sinonasal outcome test(SNOT-22) domains in assessment of quality of life in patients with nasopharyngeal carcinoma	1*	
安曼方	護理系	陳幸眉	Mediating effect of self esteem on the relationship between academic self efficacy and depression symptom in nursing students with blended learning	2	3,000
段生輝	健照所	蔡一如	Short and long term predictive value of pre-discharge oxygen uptake efficiency slope in the prognosis of patient who survives acute myocardial infarction	2*	
蔡佩玲	健照所	郭乃文	The Executive Function Characteristics of School-Aged Epileptic Children with a History of Febrile convulsions	3	2,000
吳嘉玲	公衛所	李中一	Psychometric properties of a novel instrument for evaluating indoor air pollution health literacy in adults.	3	2,000
詹侯莫	健照所	林呈鳳	A Comparison of Hamstring Activation during Vertical Jumps in Healthy Athletes with High and Low Hamstring Muscle Stiffness	3	2,000
張開	健照所	張哲豪	Development of Innovative Modular 3D-Printed Dynamic Orthoses: Application Programs for Hand Function Facilitation in Patients with Stroke	3	2,000
沙瑞雅	護理系	許玉雲	The Effects of Mindfulness-based Intervention on Mental Health Outcomes among Pregnant Women: A Systematic Review and Meta-Analysis	3	2,000
倪子洛	健照所	郭乃文	The Executive Function of VLBW and ELBW Preterm Children with Normal Early Development	3	2,000
沈慶華	健照所	郭乃文	The Therapeutic Effects of Integrative Neuropsychotherapy Model for Executive Functions Deficits in School-age Children Born Very Low Birth Weight with Normal Early Development	3	2,000

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## Big data analysis group 大數據分析組

學生	系所	指導老師	題目	名次	獎金
李柏增	臨醫所	劉秉彥	High burden of premature ventricular complex increases the risk of new-onset atrial fibrillation	1*	
蘇軒幼	臨藥所	歐鳳姿	Cost-effectiveness of novel macrophage-regulating treatment on wound healing among patients with diabetic foot ulcers from Taiwan' s healthcare sector perspective	2	3,000
沈敬堯	臨藥所	賴嘉鎮	Evaluate the Risk of Cardiovascular Event in Rheumatoid Arthritis Patients Receiving Janus Kinase inhibitors and TNF inhibitors in Asia: a multi-center retrospective cohort study	2	3,000
彭梓揚	臨藥所	歐鳳姿	Restricted mean survivaltime analysis for assessing real-world heterogenous treatment effect: using cardiorenal outcomes of sodium-glucose cotransporter-2 inhibitors as illustrative examples	3	2,000
吳易霖	護理系	柯乃熒	Cost-effectiveness of nurse-led case management model in lung cancer treatment: A nationwide cohort study	3	2,000
李佳純	健照所	郭立杰	The association between osteoporosis medications and lowered allcause mortality after hip or vertebral fracture in older and oldest-old adults: a nationwide population-based study	3	2,000

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## 海報佳作 Poster Honorable Mention

### 海報競賽 poster presentation contest

學生	系所	指導老師	題目
古雅竺	基醫所	吳華林 余建泓	The loss of IGF1-Akt/mTOR-Spl axis-mediated CD248 regulation in fibroblast delays diabetic wound healing
李佩蓉	基醫所	王家義	Primary cilium regulates uterine endometrial stroma differentiation
陳韋翔	基醫所	傅子芳	TNF $\alpha$ is involved in seizure-induced oligodendrocyte impairments
黃翊庭	基醫所	沈孟儒	Genetic mutation of tight junction protein ccigulin confers cancer susceptibility by activating Rac1-dependent epithelial-mesenchymal transition
張庭瑋	基醫所	陳炳焜	RNA-binding proteins are essential for EGF-induced fibronectin expression and metastasis of head and neck squamous cell carcinoma
楊繼勛	基醫所	陳百昇	Study the functional role of lipophagy-mediated epigenetic PD-L1 regulation in CDK4/6 inhibitor resistant breast cancer
陳寶玉	臨醫所	林聖翔	Profiling antibody signature of schizophrenia by Escherichia coli proteome microarrays
郭佳倫	公衛所	李中一	Association Between Trajectory of Severe Hypoglycemia and Dementia in Patients With Type 2 Diabetes: A Population-based Study
劉光威	環醫所	李俊璋	Insights into the long-term fates and impacts of polybrominated diphenyl ethers in sediment samples in Taiwan: The national project for background monitoring of the environmental distribution of chemical substances (BMECs)
張雅惠	公衛所	李中一 呂宗學	Risk of motorcycle collisions among patients with Type 2 diabetes: A population-based cohort study with age and sex stratifications in Taiwan
余文豪	臨醫所	黃朝慶 吳怡真	Risk patterns associated with transient hearing impairment and permanent hearing loss in infants born very preterm
吳嘉玲	公衛所	李中一	Secular trend in prevalence and socioeconomic correlates of diabetes in pregnancy in Taiwan
羅家德	護理系	張瑩如	Effectiveness of Mindfulness on Student Anxiety during the Covid-19 Pandemic: A Systematic Review and Meta-Analysis of Randomized Controlled Trials
王亭力	健照所	郭乃文	Community Mental Status Examination (CMSE): The Applicability of a Neuropsychological Screening Tool for Patients with Acute Traumatic Brain Injury
陳怡蓉	健照所	林宗瑩	Evidence of psychometric properties for instruments on intrinsic capacity: a systematic review
如莫迪	健照所	林宗瑩	The Effect of Time Spent Sitting, and Excessive Gaming on the Weight Status, and Perceived Weight Stigma Among Taiwanese Young Adults
葛瑞塔	護理系	許玉雲	Utilization of Maternal Healthcare Services Among Adolescent Mothers in Indonesia
鄭婉廷	臨醫所	謝奇璋	Manipulation of Leucocytic NADPH Oxidase Maturation May Drive Macrophage Differentiation and Affect Atherogenesis
Irwin Ivandi Puc	基醫所	彭貴春	Cytokine Signature and Hematopoietic Stem and Progenitor Cells Mobilization during Dengue Virus Infection.
蔡智銘	基醫所	林威辰	Multi-omics Analysis Reveals the Effects of Acanthamoeba-Bacteria Interaction