

2022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
蔡博仰	基醫所	蔡佩珍	Decoding genome of Clostridioides difficile ribotype 017 and identifying genetic elements for adaptation	1	5000
蔡智銘	基醫所	林威辰	Living Acanthamoeba castellanii Induced Motility Decrease in Environmental Pseudomonas stutzeri	2	3000
謝筑涵	臨醫所	謝奇璋	The role of novel SLC5A6 missense mutations in defective B cell functional maturation and aberrant cellular metabolism.	3*	
李孟佳	基醫所	蔡佩珍	Gut modeling proposition for accessible gut microbiome and metabolic analysis	佳作	Honorable Mention
賴怡馨	基醫所	蔡佩珍	Mitochondria guards the gut integrity disturbed by Clostridioides difficile infection	佳作	Honorable Mention
王晟烜	基醫所	彭貴春	DENV interfere human adaptive immunity via antibody degradation	佳作	Honorable Mention

佳作同學是依據海報編號順序排列。

*註1：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
黃翊庭	基醫所	沈孟儒	Super-resolution microscopy reveals that STIM1 trafficking depends on microtubule dynamics	1	5000
陳育瑩	環醫所	王應然	Skin Damage Induced by Zinc Oxide Nanoparticles Combined with UVB is Mediated by Activating Cell Pyroptosis via the NLRP3 Inflammasome-Autophagy-Exosomal Pathway	2	3000
謝惠臻	基醫所	陳昌熙	Characterize the role of prmt-7 in regulating HLH-30 nuclear translocation in response to pore-forming toxin intoxication	3	2000
李倫維	基醫所	湯銘哲	Mechanobiological mechanism of cyclic stretch-induced cell columnarizaion	佳作 Honorable Mention	
古雅竺	基醫所	余建泓	IGF1-Akt/mTOR axis-mediated CD248 upregulation is attenuated in the diabetic wounds	佳作 Honorable Mention	
方議賢	臨醫所	劉嚴文	Non-classical HLA-I-expressing human induced pluripotent stem cell-derived cardiomyocytes diminished immune response and restored post-infarct cardiac function	佳作 Honorable Mention	

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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	Gastric vagal Afferent Signaling to the Basal Lateral Amygdala Mediates Anxiety-like Behaviors in Mice with Experimental Colitis	1*	
劉嘉瑋	基醫所	吳偉立	Bacterial metabolites mediate social novelty via the CaMKII neurons in BNST	2	3000
米歐儂	基醫所	郭余民	Monitoring the function of meningeal lymphatic system using high-frequency ultrasound in Alzheimer's mouse model	3	2000
郭宜盈	基醫所	陳珮君	An increase in FGF21 from brown adipose tissue reverses high-fat diet induced depression	佳作 Honorable Mention	
謝宗祺	基醫所	姜學誠	Exploring the Relationship Between Intestinal Immune Responses and Amyloid-beta Induced Deficits	佳作 Honorable Mention	
洪毓傑	基醫所	許桂森	Oxytocin receptor signaling in hilar mossy cell modulates discrimination of social stimuli	佳作 Honorable Mention	

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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
林逸宣	基醫所	林世杰	NUDT16L1 overexpression causes ferroptosis insensitivity in colon cancer	1	5000
張詠傑	基醫所	張雋曦	Development of Cancer Cells Self-Activated BIRC5-Targeting Nanodrugs for Cancer Therapy	2	3000
謝儀蘋	基醫所	黃則達	Analyze the oncogenic role of PTK6 in oral squamous cell carcinoma	3	2000
林子愉	基醫所	張雋曦	Investigation into the dynamic regulatory roles of BIRC5/Survivin in autophagy and in the autophagy-involved DNA integrity maintenance in cells	佳作 Honorable Mention	
楊翔傑	基醫所	洪良宜/賴明德	Aurora-A Kinase Promotes Anti-Tumor Immunity in High Immune-Infiltrated Colorectal Cancer	佳作 Honorable Mention	
潘致愷	臨醫所	呂佩融	ICAM2 Mediates the Specificity of Leptomeningeal Carcinomatosis in Triple-Negative Breast Cancer (TNBC)	佳作 Honorable Mention	

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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
張開	健照所	張哲豪	Application of A 3D-Printed Innovative Orthosis for Phalanx Extension Neuromotor-facilitation (iOPEN) in patients with stroke	1*	
賴奕儒	健照所	洪菁霞	Oropharyngeal Rehabilitation for Patients With Moderate to Severe Obstructive Sleep Apnea After Transoral Robotic Surgery	2	3000
阮氏黃燕	環醫所	郭浩然	The association between carbon monoxide and cardiovascular diseases: a meta-analysis	3	2000
林室均	護理所	黃美智	生命受限疾病兒童與青年之安寧療護需求與生命末期照護：混合研究法 Palliative care needs and end of life care for children and young adults with life- limiting conditions: A mixed-methods study	佳作 Honorable Mention	
宋宜珊	健照所	林玲伊	Emotion Dysregulation Mediates the Relationship between Sensory Processing and Behavior Problems in Young Children with Autism Spectrum Disorder	佳作 Honorable Mention	
沈慶華	健照所	郭乃文	Children Born Very Low Birth Weight with Normal Early Development Slowly Catch Up on Cognitive Executive Functions at School-Age	佳作 Honorable Mention	
王滄汶	護理所	張瑩如	Relationship among experience of breastfeeding-friendly practice, breastfeeding self-efficacy, and breastfeeding behavior- A cohort study	佳作 Honorable Mention	

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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
劉光威	環醫所	李俊璋	Ensembled model to improve residential indoor PM2.5 estimation for personal exposure prediction	1	5000
李柏增	臨醫所	劉秉彥	Burden of ventricular phemature complex is associated with cardiovascular mortality	2*	
謝幸妸	臨藥所	賴嘉鎮	A New System for Adverse Drug Reactions (ADR) Signal Detection and Triage Integrating Prescription Sequence Symmetry Analysis and Tree-Based Scan Statistics in Longitudinal Data	3	2000
徐宇慧	公衛所	李中一	Urban - rural disparity in the incidence of diagnosed autism spectrum disorder in Taiwan: A 10-year national birth cohort follow-up study	佳作 Honorable Mention	
李威杰	臨醫所	劉秉彥	The Impact on Renal Function After Long-term Use of Anticoagulants in Atrial Fibrillation Patients	佳作 Honorable Mention	
陳乃瑜	臨藥所	鄭靜蘭	The risk of serious infection in Crohn's disease patients treated with biologics: an external comparator cohort study	佳作 Honorable Mention	

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