

2022醫學院研究日口頭報告獲獎名單

Immunology group 免疫學組

學生	系所	指導老師	題目	名次	獎金
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.	1	15000
賴怡馨	基醫所	蔡佩珍	Mitochondria guards the gut integrity disturbed by Clostridioides difficile infection	2	9000
洪旭錦	基醫所	黃溫雅	Requirement of the host ERCC1-XPF DNA repair endonuclease in hepatitis B virus covalently closed circular DNA formation	2	9000
李孟佳	基醫所	蔡佩珍	Gut modeling proposition for accessible gut microbiome and metabolic analysis	佳作 Honorable Mention	
蔡智銘	基醫所	林威辰	Living Acanthamoeba castellanii Induced Motility Decrease in Environmental Pseudomonas stutzeri	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	
蔡博仰	基醫所	蔡佩珍	Decoding genome of Clostridioides difficile ribotype 017 and identifying genetic elements for adaptation	佳作 Honorable Mention	

※佳作同學是依據報告次序排列。

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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
李倫維	基醫所	湯銘哲	Mechanobiological mechanism of cyclic stretch-induced cell columnarizaion	1	15000
吳慶龍	基醫所	湯銘哲	Tropomyosin isoform 1.6/1.7 determine fibroblast to myofibroblast activation and matrix degradation under low rigidity environment	2	9000
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	
饒師維	基醫所	傅子芳	Folate-mediated one-carbon metabolism modulates the pathological angiogenesis in the diabetic retinopathy	佳作 Honorable Mention	
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	佳作 Honorable Mention	
張瑋婷	臨醫所	劉秉彥	Mechanism of angiotensin receptor- enkephalinase inhibitor (ARNI) improvement on the mitral valve regurgitation-induced heart failure and arrhythmia	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	
林上雯	臨藥所	熊彥傑	Delivery of PD-L1 antibody with extracellular vesicles in the management of glioblastoma	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
郭宜盈	基醫所	陳珮君	An increase in FGF21 from brown adipose tissue reverses high-fat diet induced depression	1	15000
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	2	9000
劉嘉瑋	基醫所	吳偉立	Bacterial metabolites mediate social novelty via the CaMKII neurons in BNST	佳作 Honorable Mention	
許筠	基醫所	張雅雯	The Lateralization Effect of Dorsal Insular Cortex and Rostral Ventrolateral Medulla on Cardiovascular Function in Focal Stroke	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	
孫莉涵	基醫所	游一龍	The underlying mechanisms of oxytocin- and conspecifics-associated buffering effects against stress-induced decreases in dorsal dentate cell proliferation and neurogenesis	佳作 Honorable Mention	
陳思翰	臨醫所	吳佳慶 蔡坤哲 薛元毓	Adipose derived stem cells modulate neuroinflammation and improve functional recovery of rodent sciatic compressive neuropathy	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
趙鈺瑛	基醫所	王家義	ATM- and ATR- induced primary ciliogenesis promotes cisplatin resistance in pancreatic ductal adenocarcinoma	1	15000
張立展	臨醫所	蘇文彬	Secreted protein acidic and rich in cysteine (SPARC), required for Rab-37 mediated exocytosis, promotes lung cancer metastasis via WNK1 activation.	2	9000
張哲維	基醫所	顏賢章	Hpla-mediated heterochromatin formation inhibits high dietary sugar-induced tumor progression	佳作 Honorable Mention	
張庭璋	基醫所	陳炳焜	Investigating the role of ANGPTL4 activation in hyperlipidemia-associated HCC metastasis and drug resistance	佳作 Honorable Mention	
林逸宣	基醫所	林世杰	NUDT16L1 overexpression causes ferroptosis insensitivity in colon cancer	佳作 Honorable Mention	
白明旭	臨醫所	洪澤民	CASZ1 induces metastasis through integrin αV in lung adenocarcinoma cancer cells	佳作 Honorable Mention	
吳政桂	臨醫所	蘇文彬	APLF and FANCD2 maintain replication fork stability, leading to chemoresistance to cisplatin	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	15000
楊心綸	健照所	蔡昆霖	Efficacy of Early Exercise Intervention on Cardiac function, Exercise Capacity and Physical Fitness in Breast Cancer Patients Receiving Chemotherapy	2	9000
黃柏菁	健照所	洪菁霞	Expanding Protection Motivation Theory to explain willingness of COVID-19 vaccination uptake among Taiwanese university students	佳作 Honorable Mention	
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	
何曉婷	健照所	郭乃文	The application of a neuropsychological measure of executive working memory in older adults with memory impairment	佳作 Honorable Mention	
鄭凱家	健照所	蔡一如	Acceleration Changes During Vertical Jumping after Fatigue in Elite Young Badminton Player	佳作 Honorable Mention	
詹侯莫	健照所	林呈鳳	Hamstrings mechanical properties and force absorption during jumping maneuvers in strength and power-trained athletes with and without jumping sports	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	

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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	Burden of ventricular phemature complex is associated with cardiovascular mortality	1	15000
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	2	9000
劉光威	環醫所	李俊璋	Ensembled model to improve residential indoor PM2.5 estimation for personal exposure prediction	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	
謝幸妁	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	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	
柯帕莎	護理所	柯乃熒	Dynamic changes in quality of life, psychological status, and body image in women with different types of breast cancer surgery: 8-year follow up	佳作 Honorable Mention	

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