

# 醫學院2024年研究日

2024 Medical College Research Day

2024/2/3(六)

成大醫學院第三講堂  
台南市東區大學路一號成杏校區



許志成  
國家衛生研究院  
高齡醫學暨健康  
福祉研究中心 執行長



陳俊安  
中央研究院  
分子生物研究所  
研究員

主辦單位：國立成功大學醫學院

協辦單位：成大基醫所、財團法人成杏醫學文教基金會

時間Time	行程Items
08:30-09:00	報到Reception
09:00-09:20	開幕+大合照Opening ceremony and Group Photo
09:20-10:20	專題演講 ( 陳俊安研究員 ) Special talk ( Research Fellow, Jun-An Chen )
10:20-10:40	咖啡時光Coffee break
10:40-11:50	口頭競賽 (轉譯醫學、神經科學、免疫學) Oral Report Contests (Translation, Neuroscience, Immunology)
11:50-13:20	午餐Lunch break
13:20-14:20	專題演講 ( 許志成執行長 ) Special talk ( Executive Director, Chih-Cheng Hsu )
14:20-15:40	口頭競賽 (大數據分析、健康照護、癌症醫學) Oral Report Contests (Big data analysis, Allied health, Cancer)
15:40-16:00	咖啡時光Coffee break
16:00-17:00	海報競賽poster contests
17:00-17:30	閉幕 (口頭競賽頒獎) Oral presentation award and Closing ceremony



國立成功大學醫學院  
College of Medicine, National Cheng Kung University





2024Research Day / Translation medicine group

# Oral presentation contest schedule

Sat Feb 3<sup>th</sup>, 2024 morning 3<sup>th</sup> Lecture hall

NO.	Time	Department	Student	Teacher	Title
1	10:40-10:45	Basic Medical Sciences 基醫所	潘利亞	孫孝芳	Assessing the utility of urine microbiota as a predictor for pregnancy outcomes in IVF patients
2	10:45-10:50	Basic Medical Sciences 基醫所	侯奐慈	蔡少正	Ciliary Prostaglandin E2/cAMP signaling facilitates the endometrial decidualization
3	10:50-10:55	Basic Medical Sciences 基醫所	傅佩雯	余建泓	Codon bias mediates gene expression through nuclear mRNA decay in human cells
4	10:55-11:00	Basic Medical Sciences 基醫所	李稚蓁	王家義	Investigate the role of AZI1 in endometrium stroma decidualization
5	11:00-11:05	Clinical Pharmacy 臨藥所	潘玟萱	林少紅	Investigation on the anti-dengue virus components from the pseudobulbs of <i>Cremastra appendiculata</i>
6	11:05-11:10	Basic Medical Sciences 基醫所	謝惠臻	陳昌熙	PRMT7 wards the plasma membrane integrity compromised by bacterial pore-forming toxin through the activation of HLH-30/TFEB-dependent intrinsic cellular defense
7	11:10-11:15	Basic Medical Sciences 基醫所	黃識紘	余建泓	Programmable modulation of ribosomal frameshifting by mRNA targeting CRISPR-Cas12a system
8	11:15-11:20	Basic Medical Sciences 基醫所	王亞婷	莊偉哲	Structure determination of the disintegrin-integrin complexes by Cryo-EM provides new insights into their structure and function relationship
9	11:20-11:25	Clinical Medicine 臨醫所	黃玲育	許育祥	The role of IL-29 and its receptor on obesity-induced immunometabolic dysregulation
10	11:25-11:30	Basic Medical Sciences 基醫所	林佳冀	余建泓	Validation of nontemplated nucleotide addition of miR-148/152 conferring non-canonical targeting
11	11:30-11:35	Clinical Medicine 臨醫所	蘇勇曄	沈延盛	Germline mutations of homologous recombination genes and clinical outcomes in pancreatic cancer - a multicenter study in Taiwan



2024Research Day announcement

Organizer : College of Medicine/ Co-organizer : Institute of Basic Medical Sciences, CHENG-HSING Medical Foundation



2024Research Day / Neuroscience group

# Oral presentation contest schedule

Sat Feb 3<sup>th</sup>, 2024 morning 1<sup>st</sup> Lecture hall

NO.	Time	Department	Student	Teacher	Title
1	10:40-10:45	Basic Medical Sciences 基醫所	馮樂瑩	許桂森	Deciphering the role of engrams in contextual memory linking and extinction
2	10:45-10:50	Basic Medical Sciences 基醫所	張婷韋	姜學誠	Investigating the circuit involved in short-term stress-induced learning damage in <i>Drosophila</i>
3	10:50-10:55	Basic Medical Sciences 基醫所	黃川芹	姜學誠	Longer Intertrial Interval Benefits Long-Term Memory Formation
4	10:55-11:00	Basic Medical Sciences 基醫所	賴姿廷	吳偉立	Modulating Threats-Evoked Innate Defensive Behavior through Gut Microbial Manipulation
5	11:00-11:05	Basic Medical Sciences 基醫所	程冠翔	許桂森	Oxytocin treatment rescues irritability-like behavior in <i>Cc2d1a</i> conditional knockout mice



2024Research Day announcement

Organizer : College of Medicine/ Co-organizer : Institute of Basic Medical Sciences, CHENG-HSING Medical Foundation



2024Research Day / Immunology group

# Oral presentation contest schedule

Sat Feb 3<sup>th</sup>, 2024 morning 2<sup>nd</sup> Lecture hall

NO.	Time	Department	Student	Teacher	Title
1	10:40-10:45	Basic Medical Sciences 基醫所	鄭浩晶	王貞仁	Genetic variations of dengue viruses between mild and fatal cases affects viral replication
2	10:45-10:50	Basic Medical Sciences 基醫所	蘇昱丞	陳柏齡	Haemolysin Ahh1 secreted from <i>Aeromonas dhakensis</i> activates the NLRP3 inflammasome in macrophages and mediates severe soft tissue infection
3	10:50-10:55	Basic Medical Sciences 基醫所	洪子斌	林威辰	Immunomodulatory Effects of <i>Trichomonas tenax</i> Extracts on Epithelial and Immune Cells: Potential for Anti-Inflammatory Activity
4	10:55-11:00	Basic Medical Sciences 基醫所	蕭丞玟	張權發	Investigate the pathogenesis of Coxsackievirus B3 in both human scavenger receptor class B member 2 (hSCARB2) and human nucleolin (hNCL) transgenic mice
5	11:00-11:05	Clinical Medicine 臨醫所	吳乙柔	許育祥	Protective role of IL-17-producing gd T cells in a laser-induced choroidal neovascularization mouse model
6	11:05-11:10	Basic Medical Sciences 基醫所	龔俊嘉	陳振暉	The role of bacteriophage in the virulence regulation and treatment of <i>Clostridioides difficile</i>
7	11:10-11:15	Basic Medical Sciences 基醫所	張思敏	陳振暉	To investigate the effect of a protease secreted from <i>Prevotella intermedia</i> on Oral cancer cells
8	11:15-11:20	Basic Medical Sciences 基醫所	蕭以翎	陳舜華	To investigate the role of calcium in virus infections using mouse and in vitro studies



2024Research Day announcement

Organizer : College of Medicine/ Co-organizer : Institute of Basic Medical Sciences, CHENG-HSING Medical Foundation



2024Research Day / Big data analysis group

# Oral presentation contest schedule

Sat Feb 3<sup>th</sup>, 2024 afternoon 3<sup>th</sup> Lecture hall

NO.	Time	Department	Student	Teacher	Title
1	14:20-14:25	Clinical Medicine 臨醫所	李嘉怡	陳芃潔	A missense variant in mitochondrial protein import complex leads to microcephalic osteodysplastic dwarfism with moyamoya disease
2	14:25-14:30	Clinical Medicine 臨醫所	蔡進相	柯文謙 蔡坤哲	Changing epidemiology of shigellosis in Taiwan, 2010-2019: an emerging threat to HIV-infected patients and men who have sex with men
3	14:30-14:35	Clinical Pharmacy 臨藥所	沈敬堯	賴嘉鎮	Comparison of Common Protocol vs. Common Data Model and the Issues of Analytic Inconsistency for A Multi-database Pharmacoepidemiologic Study
4	14:35-14:40	Allied health 健照所	李佳純	郭立杰	Decomposing and Simplifying the Fracture Risk Assessment Tool- Using a country-specific calculator as the module
5	14:40-14:45	Public Health 公衛所	Mshayisa Dumsile Innocentia	呂宗學	Patterns of Trends in Neonatal Disorders Related Incidence and Deaths amongst Countries in the Southern-Sub African Region
6	14:45-14:50	Public Health 公衛所	蔡瑋峻	簡玉雯	Real-time artificial intelligence system for bacteremia prediction in adult febrile emergency department patients



2024Research Day announcement

Organizer : College of Medicine/ Co-organizer : Institute of Basic Medical Sciences, CHENG-HSING Medical Foundation



# Oral presentation contest schedule

Sat Feb 3<sup>th</sup>, 2024 afternoon 1<sup>st</sup> Lecture hall

NO.	Time	Department	Student	Teacher	Title
1	14:20-14:25	Nursing 護理所	Maggie Dumsile Dlamini	張瑩如	Caregivers' experiences of having a child with cerebral palsy. A meta-synthesis
2	14:25-14:30	Nursing 護理所	黃淳琪	高綺吟 黃美智	Effects of oral stimulation on feeding readiness of preterm infants: A randomized controlled study
3	14:30-14:35	Allied health 健照所	金禹汝	林玲伊	Efficacy of Motor Interventions on Functional Performance Among Preschool Children With Autism Spectrum Disorder: A Pilot Randomized Controlled Trial
4	14:35-14:40	Nursing 護理所	黎氏容	高綺吟	Factors impacting the demonstration of relational autonomy in medical decision-making: A meta-synthesis
5	14:40-14:45	Allied health 健照所	鄭凱家	蔡一如	Influence of Repetitive Upper Extremity Movements on Cervical Kinematics and Neuromuscular Control in People with Chronic Neck Pain
6	14:45-14:50	Clinical Medicine 臨醫所	陳致嘉	謝奇璋 邱元佑 黃朝慶	Neonatal Acute Kidney Injury in Very Preterm Infants: Understanding Risks, Outcomes, and Long-Term on Neurodevelopment.
7	14:50-14:55	Allied health 健照所	黃鈺婷	林宗瑩	Specific internet disorders in young adults: Assessment of Criteria for Specific Internet-use Disorder (ACSID-11)
8	14:55-15:00	Nursing 護理所	沙瑞雅	許玉雲	Stigma, Social Support, and Psychological Well-being among Pregnant Adolescents: A Socio-ecological Approach
9	15:00-15:05	Allied health 健照所	鄭珮汝	郭乃文	The Clinical Psychological Interventions for Behavioral and Psychological Problems in Community-Based Integrated Care for Old People: A Qualitative Study
10	15:05-15:10	Nursing 護理所	阮氏碧簪	許玉雲	The Effect of Pelvic Floor Muscle Training on Health-Related Quality of Life in Postmenopausal Women With Genitourinary Syndrome: A Systematic Review and Meta-Analysis
11	15:10-15:15	Allied health 健照所	黃文怡	郭乃文	Develop A Social Perception Test: The Psychometric Properties of Child's version Reading the Mind in the Eyes Test in Taiwan
12	15:15-15:20	Allied health 健照所	段生輝	蔡一如	Using exergame-based exercise to prevent and postpone the loss of muscle mass, muscle strength, cognition, and functional performance among elders in rural long-term care facilities
13	15:20-15:25	Allied health 健照所	如莫迪	林宗瑩	Validation of the Thai Assessment of Criteria for Specific Internet-use Disorders (ACSID-11) among young adults





# Oral presentation contest schedule

Sat Feb 3<sup>th</sup>, 2024 afternoon 2<sup>nd</sup> Lecture hall

NO.	Time	Department	Student	Teacher	Title
1	14:20-14:25	Clinical Medicine 臨醫所	吳政桂	蘇文彬	APLF facilitates interstrand DNA crosslink repair and replication fork protection to confer cisplatin resistance
2	14:25-14:30	Basic Medical Sciences 基醫所	蘇珮嘉	王憶卿	Cancer-Stromal Cells Interaction Dominates the Expression of Pro-tumor Secreted Protein Chitinase-3-like-1 in Pancreatic Cancer.
3	14:30-14:35	Basic Medical Sciences 基醫所	謝宏嘉	王憶卿	Deubiquitinase USP24 suppresses T cell anti-tumor activity via enhancement of PD-1 protein stability
4	14:35-14:40	Basic Medical Sciences 基醫所	陳思穎	黃柏憲	Differentially methylated RNA 5-methylcytosine and aberrant RNA splicing in murine model of cancer-induced muscle atrophy
5	14:40-14:45	Clinical Medicine 臨醫所	許雅婷	沈孟儒 陳彩雲 蔡坤哲	Electrical Sympathetic Neuromodulation Protects Bone Marrow Niche and Drives Hematopoietic Regeneration during Chemotherapy
6	14:45-14:50	Clinical Medicine 臨醫所	許修瑞	洪澤民	Exosomal long noncoding RNA MLETA1 promotes tumor progression and metastasis by regulating the miR-186-5p/EGFR and miR-497-5p/IGF1R axes in non-small cell lung cancer
7	14:50-14:55	Clinical Medicine 臨醫所	林俞君	沈延盛	Exploring the role of pancreatic cancer-induced cachectic fat loss in disease progression
8	14:55-15:00	Basic Medical Sciences 基醫所	陳志揚	陳百昇	Investigate the immunomodulatory role of butyrate-induced nuclear PD-L1 in breast cancer
9	15:00-15:05	Basic Medical Sciences 基醫所	楊繼勛	陳百昇	Investigating the catabolism of lipid droplet in CDK4/6 inhibitor-resistant breast cancer
10	15:05-15:10	Basic Medical Sciences 基醫所	趙鈺瑛	王家義	Melanophilin facilitates pancreatic ductal adenocarcinoma metastasis by inducing primary ciliogenesis
11	15:10-15:15	Basic Medical Sciences 基醫所	李怡萱	鄭宏祺	MicroRNA-146a Suppresses Pericellular Fibronectin Assembly and Targets Vimentin to Lower Tumor Malignancy in Esophageal Squamous Cell Carcinoma
12	15:15-15:20	Basic Medical Sciences 基醫所	楊侑恩	王憶卿	Single-cell RNA sequencing and function analyses reveal the Rab37-mediated membrane trafficking of GPNMB in tumor-associated macrophages to foster an immunosuppressive lung tumor microenvironment
13	15:20-15:25	Clinical Pharmacy 臨藥所	于政平	熊彥傑	Stearic acid-modified hydroxyapatite for sustained release of tariquidar to enhance brain penetration and antitumor effect of temozolomide
14	15:25-15:30	Basic Medical Sciences 基醫所	林新智	林世杰	Un-methylation of NUDT21 promotes the development of enzalutamide resistance in prostate cancer by regulation of cuproptosis

