

# 第 30 屆細胞及分子生物新知研討會暨 30 屆慶祝活動

## 暫定議程表

Date: 2025.1.9(四)-1.11(六) Venue: 屏東墾丁福華渡假飯店福華廳

Day 1 : 2025.1.9 (四)	
Time	Event
14:00~17:00	報到 Registration
18:00~19:20	開幕式/大會晚宴 Opening Remark / Welcome Banquet 司徒惠康 院士 理事長/ 中華民國細胞及分子生物學學會 院長/ 國家衛生研究院
19:20~21:20	壁報論文競賽 Poster Presentation
Day 2 : 2025.1.10 (五)	
09:00~09:20	30 感恩有您
09:20~10:00	<u>Keynote Lecture I (吳成文學術講座)</u> A.I.: Is biomedicine's Newtonian moment finally here? 林清詠(美國圖策生技執行長) CEO, Graphen Drugomics
《Session I : AI in Life Science》(25 分鐘/人)	
10:00~10:25	<b>icONE sees the future of maternal-fetal precision medicine</b> 孫孝芳教授(國立成功大學醫學院分子醫學研究所) Professor, Institute of Molecular Medicine, National Cheng Kung University
10:25~11:00	Coffee Break
11:00~11:25	<b>AI in drug discovery</b> 童俊維研究員(國衛院生藥所) Investigator, Institute of Biotechnology and Pharmaceutical Research, National Health Research Institutes
11:25~11:50	<b>Utilizing a multimodal foundation model for constructing an AI-enabled opportunistic screening framework for the next-generation healthcare system</b> 林嶽副教授(國防醫學院 醫學系副教授/三軍總醫院 數位醫療中心人工智慧實驗室 主任) Associate Professor, School of Medicine, National Defense Medical Center Director of AI lab, Military Digital Medical Center, Tri-Service General Hospital
11:50~13:30	Lunch
《徐千田優秀論文競賽》(20 分鐘/人) / 第 18 屆理監事開票作業(同時段另外場地)	
13:30~15:10	Student 1~ Student 5
15:10~15:50	Coffee Break
15:50~17:10	Student 6~ Student 9

17:10~18:30	<i>Dinner</i>
<b>《新秀學者演講》</b> (20分鐘/人)	
18:30~18:50	<b>Investigation of single-cell NF-kB activation: Sensitivity towards input dynamics &amp; membrane receptor</b> 涂熊林副研究員(中研院化學所) Associate Research Fellow, Institute of Chemistry, Academia Sinica
18:50~19:10	<b>Inferring dominant selective forces shaping the evolution of pathogens across space and time</b> 張筱涵副教授(清華大學生物資訊與結構生物研究所) Associate Professor, Institute of Bioinformatics and Structural Biology National Tsing Hua University
19:10~19:30	<b>Monocyte-to-Microglia Transition in Homeostasis and Disease</b> 陳虹如助理教授(國立陽明交通大學生科系暨基因體科學研究所) Assistant Professor, Department of Life Sciences and Institute of Genome Sciences, National Yang Ming Chiao Tung University
19:30~19:50	<b>The Code of the Rings: Decoding Circular RNAs in Autism</b> 麥德倫助理教授(國立台灣大學生命科學系) Assistant Professor, Department of Life Science, National Taiwan University
19:50~20:10	<b>Induced Proximity and Targeted Protein Editing</b> 陳伯翰助理教授(國立成功大學醫學院生物化學暨分子生物學研究所) Assistant Professor, Dept. Biochemistry and Molecular Biology, College of Medicine, National Cheng Kung University
20:10~20:30	<b>Innovative PROTAC Strategies for Degrading Androgen Receptors in Advanced Prostate Cancer</b> 王齡玉助理教授(長庚大學生化分生科) Assistant Professor, Department of Biochemistry and Molecular Biology, Chang Gung University
20:30~20:50	<b>Translational Medicine in the Face of Carcinogens: Genome Editing and Its Clinical Impact</b> 張雅煊助理教授(國衛院分子與基因醫學研究所) Assistant Investigator, Institute of Molecular and Genomic Medicine, National Health Research Institutes
20:50~21:30	30 重聚 / 自由活動
<b>Day 3 : 2025.1.11 (六)</b>	
09:00~9:40	<b>Keynote Lecture II (晶創計畫-生科領域)</b> <b>Bridge Precision Medicine and Personal Healthcare by Digital Innovation</b> 沈孟儒校長(國立成功大學校長/國家科學及技術委員會健康大數據永續平台計畫召集人) President, National Cheng Kung University (NCKU)
<b>《Session II : 生物晶片之開發與應用》</b> (25分鐘/人)	
09:40~10:05	<b>Organ/Tumor on Chip- reconstructing micro-environment in vitro for disease model and drug tests</b> 劉承賢教授(國立清華大學) Professor, National Tsing Hua University
10:05~10:40	<i>Coffee Break</i>
10:40~11:05	<b>Revolutionizing Drug Development: The Future of Organ-on-a-Chip Technology</b>

	陳冠宇教授/副主任(國立陽明交通大學生醫所/電機系) Associate Chairperson, Department of Electronics and Electrical Engineering Professor, Institute of Biomedical Engineering, National Yang Ming Chiao Tung University
11:05~11:30	<b>Biomedical big data and AI: current status &amp; future development</b> 莊曜宇副總暨生醫醫所所長(工業技術研究院) General Director, Biomedical Technology and Device Research Laboratories, Industrial Technology Research Institute
11:30~12:00	2025 Annual Meeting of the Members, Award Ceremony and Closing Remarks
12:00~14:00	<i>Lunch</i>
14:00~	<i>Departure</i>