

# 醫療財團法人徐元智先生醫藥基金會亞東紀念醫院

## 函

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1150316030\_Attach3. jpg、1150316030\_Attach4. jpg)

主旨：本院訂於115年3月27日（星期五）、115年3月28日（星期六）舉辦「2026 診斷、治療與再生醫學全方位應用研討會」，敬請轉知並鼓勵所屬機構人員踴躍報名參加。。

說明：

- 一、近年來，精準診斷、創新治療與再生醫學快速融合，逐漸成為新世代醫療科技的重要發展方向。從單分子診斷、液態活檢技術到基因遞送與再生治療策略，全球醫學研究正加速邁向臨床轉譯與產業應用。同時，台灣、日本與越南等亞洲國家亦積極發展再生醫療與創新療法，使跨國合作與技術交流日益重要。本研討會旨在建立以轉譯醫學為核心的國際交流平台，整合診斷科技、創新治療與再生醫學等領域，邀請臨床、學術、政府與產業專家分享最新研究成果、臨床應用與法規發展，並展示台灣在精準醫療與再生醫學領域之研究能量。透過跨領域交流與合作，期望促進創新醫療技術由研究走向臨床與產業應用，強化國際合

作網絡，並提升台灣於亞洲創新醫療與再生醫學領域之影響力。

## 二、二日研討會時間與地點：

(一)115年3月27日（星期五） 8:50 - 16:40（8:30開始報到），國立陽明交通大學守仁樓（台北市北投區立農街二段155號）。

(二)115年3月28日（星期六）8:50 - 17:10（8:30開始報到），Tpark 台北遠東通訊園區（新北市板橋區遠東路1號）。

## 三、報名連結（免費報名）：

(一)陽明交通大學場次：<https://forms.gle/weYsdFsG6H6HwsYb9>。

(二)Tpark台北遠東通訊園區場次：<https://forms.gle/S5G3NMub2qp5y42K9>。

四、繼續教育學分（只限亞東場次，Tpark 台北遠東通訊園區）：本次研討會已申請以下繼續教育學分：西醫師繼續教育學分、醫事檢驗師繼續教育積分、藥師繼續教育積分及專科護理師學分。

## 五、聯絡資訊：

(一)國際胞外體研討會聯絡人：亞東紀念醫院醫學研究部 廖秀蓉 研究員。

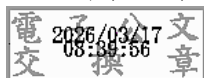
(二)E-mail：[liaohsiujung@gmail.com](mailto:liaohsiujung@gmail.com)。

(三)電話：02-8966-7000 分機4566。

正本：臺北榮民總醫院、台灣再生醫學學會、台灣細胞醫療協會、台灣腎臟醫學會、台灣幹細胞學會、國立陽明交通大學、國立臺灣大學醫學院附設醫院、國防醫學大學三軍總醫院、台灣基督長老教會馬偕醫療財團法人馬偕紀念醫院、衛生福利

部、長庚醫療財團法人台北長庚紀念醫院、長庚醫療財團法人林口長庚紀念醫院、長庚大學、國泰醫療財團法人國泰綜合醫院、行天宮醫療志業醫療財團法人恩主公醫院、中華民國骨科醫學會、台灣腫瘤護理學會、臺灣心臟胸腔護理學會、台灣護理學會、臺北市立聯合醫院、臺北市立聯合醫院中興院區、臺北市立聯合醫院仁愛院區、臺北市立聯合醫院和平院區、臺北市立聯合醫院忠孝院區、臺北市立聯合醫院松德院區、臺北市立聯合醫院陽明院區、國防醫學大學、臺北市立萬芳醫院—委託臺北醫學大學辦理、臺北醫學大學、衛生福利部雙和醫院（委託臺北醫學大學興建經營）、臺北醫學大學藥學院、臺北醫學大學附設醫院、台灣基督長老教會馬偕醫療財團法人淡水馬偕紀念醫院、台灣個人化醫學研究學會、亞太精準抗衰老醫學學會、元智大學、亞東學校財團法人亞東科技大學、銘傳大學、龍華科技大學、輔仁大學學校財團法人輔仁大學、輔仁大學學校財團法人輔仁大學附設醫院、高雄醫學大學、財團法人私立高雄醫學大學附設中和紀念醫院、財團法人私立高雄醫學大學附設高醫岡山醫院、中央研究院、衛生福利部食品藥物管理署、財團法人醫藥品查驗中心

副本：



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# FEMH-NYCU Joint Symposium

## 2026 診斷、治療與再生醫學 全方位應用研討會

2026 International Symposium on Integrated Applications of Diagnostics, Therapeutics, and Regenerative Medicine

2026.03.28 | Meeting Venue: Taipei Far Eastern Telecom Park

### Program

Time	Speaker	Moderator
08:30-09:30	Opening Remarks Chih-Hung Chang, MD, PhD, Vice President for Research Far Eastern Memorial Hospital, Taiwan	Hsueh
<b>Topic I - Emerging Developments in Extracellular Vesicles (EVs)</b>		
09:30-09:40	<b>Nanocarrier Diagnostics for Lipid Biopsy: Parsing Heterogeneity</b> Hsueh-Chia Chang, Yuhua scholar Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University	
09:40-10:10	<b>Taxane-Guided Precision Medicine: decoupling disease, deferring progression</b> Yang Long Shen, Professor Department of Plant Pathology and Microbiology, National Taiwan University, Taiwan	Chih-Hung Chang, MD, PhD, Vice President for Research, Far Eastern Memorial Hospital, Taiwan
10:10-10:25	<b>mRNA Analysis Platform: Advancing Disease Diagnosis, Therapeutics, and Regenerative Medicine Research</b> Yue-Chen Hsiao, Product Manager, Department of Life Science, BIOTOOLS CO., LTD.	
10:25-10:45	Coffee Break	
<b>Topic II - Research and Development of EVs-derived Products</b>		
10:45-11:15	<b>Mesenchymal Stem Cells in Acute Respiratory Distress Syndrome: Translational Insights from Experimental Models to Clinical Application</b> Hsu-Kan Yip, Professor Cardiology department, Kaohsiung Chang Gung Memorial Hospital, Taiwan	
11:15-11:45	<b>Outcomes of Allogeneic Umbilical Cord Mesenchymal Stem Cell Infusion for Liver Cirrhosis Due to Biliary Atresia after Kasai Operation</b> Bui Thi Haang Head of Regenerative Medicine and cell therapy Division, Vietnam Times City International Hospital, Vietnam	Chia-Ting T. Huang, Dean, Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University
11:45-12:25	<b>Safety and Efficacy of Allogeneic Umbilical Cord-derived Mesenchymal Stem Cell Infusion for Trauma: a Phase II, Single-center, Randomized, Open-label Controlled Trial</b> Nguyen Thanh Lien, Professor, Director Vietnam Research Institute of Stem Cell and Gene Technology, Viet University, Vietnam	
12:25-13:30	Lunch Break	
<b>Topic III - Anti-Aging and Cancer Therapy</b>		
13:30-13:35	<b>Application of Stem Cells and Extracellular Vesicles in Neurological Disorders: The Case of GANPC18</b> Po-Cheng Lin, Chief Technology Officer Research and Development Department, Vivo Xi Stem Cell Applied Technology	
13:35-13:50	<b>From Bench to Bedside: Scaling Standardized Extracellular Vesicle Production via Evotec T-2000 Atomic Nanofiltration Technology</b> Johnny Ching, Associate Director, Head of APAC & Middle East, Department of Sales & Marketing, EXOCYS BIO	Sebastian Tseng, Chairman, Asia Pacific Academy of Implant Dentistry, Taiwan
13:50-14:30	<b>TIMA-Affinity Methods for the Isolation and Detection of Extracellular Vesicles</b> Ritsuro Hanazono, Professor WPI Nano Life Science Institute, Kanazawa University, Japan	
14:30-14:50	Coffee Break	
<b>Topic IV - Technological Challenges and Innovations</b>		
14:50-15:20	<b>Outcomes of Autologous Adipose-Derived Mesenchymal Stem Cell Therapy for Female Sexual Hormone Deficiency</b> Nguyen Thi Thu Binh, Vice President for Obstetrics & Gynecology, Vietnam Healthcare System Institute, Viet University, Vietnam	
15:20-15:30	<b>Plant-Derived Extracellular Vesicles Reprogram the Diabetic Wound Microenvironment to Restore Regeneration</b> Shao-Feng Jiao, Researcher Department of Medical Research, Far Eastern Memorial Hospital, Taiwan	Shu-Hsueh Wu, President, Taiwan Society for Burn, Disaster and Wound Healing, Taiwan
15:30-16:10	<b>Antibody engineering: exploring new modalities based on chemical modifications applied to HIV-1</b> Izumi Ohtsuka, Professor Graduate School of Pharmaceutical Sciences, Kyushu University, Japan	
16:30-16:40	End	

指引路線

Register



主辦單位 國家紀念醫院醫學研究部

協辦單位 國立陽明交通大學醫務科學院、國立陽明交通大學醫務再生醫學研究中心(教育部專專教育深耕計劃-台灣再生醫學發展計畫)、台灣再生醫學學會-台灣國際醫學協會、台灣研究型生物新創產業協會(TIPBA)、高雄醫學大學再生醫學與細胞治療研究中心、財團法人李嘉誠醫學研究基金會-國民健康藥品研發中心-高平健康再生生物藥研究中心、Spark 台北遠東通訊園區

# 2026 International Symposium on Integrated Applications of Diagnostics, Therapeutics, and Regenerative Medicine

**3/28 SAT** 8:50~16:40  
Tpark 台北遠東通訊園區

## 2026 診斷、治療與再生醫學 全方位應用研討會



**張至宏** Chih-Hung Chang  
MD, PhD,  
Vice President for Research  
Far Eastern Memorial Hospital, Taiwan



**張學嘉** Hsueh-Chia Chang  
Yushan Scholar  
Institute of Biopharmaceutical  
Sciences, National Yang Ming  
Chiao Tung University  
Bayer Professor, Chemical  
Engineering Department of  
Chemical and Biomolecular  
Engineering, University of  
Notre Dame



**沈湯龍** Tang-Long Shen  
Professor  
Department of Plant  
Pathology and Microbiology,  
National Taiwan University,  
Taiwan



**葉漢根** Hon-Kan Yip  
Professor  
Cardiology department,  
Kaohsiung Chang Gung  
Memorial Hospital, Taiwan



**Bui Thi Hang**  
Head of Regenerative  
Medicine and cell  
therapy Division,  
Vinmec Times City  
International Hospital,  
Vietnam



**Nguyen Thanh Liem**  
Professor, Director  
Vinmec Research Institute  
of Stem Cell and Gene  
Technology, Vin University,  
Vietnam



**華山力成** Rikinari Hanayama  
Professor  
WPI Nano Life Science  
Institute, Kanazawa  
University, Japan



**Nguyen Thi Tan Sinh**  
Vice President for Obstetrics  
& Gynecology, Vinmec  
Healthcare System Lecturer,  
VinUniversity, Vietnam



**廖秀蓉** Hsiu-Jung Liao  
Researcher  
Department of Medical  
Research, Far Eastern  
Memorial Hospital, Taiwan



**Jose Caaveiro**  
Professor  
Graduate School of  
Pharmaceutical Sciences,  
Kyushu University, Japan



**蕭楹澄** Yin-Chen Hsiao  
Product Manager  
Department of Life Science,  
BIOTOOLS CO., LTD.  
Biomedical Co., Ltd.  
圖爾思生物科技股份有限公司




**林珀丞** Po-Cheng Lin  
Chief Technology Officer  
Research and Development  
Department, Gwo Xi Stem Cell  
Applied Technology  
Gwo Xi Stem Cell Applied  
Technology Co., Ltd.  
國璽幹細胞應用技術股份有限公司



**莊正** Johnny Zhuang  
Associate Director  
Head of APAC & Middle East,  
Department of Sales &  
Marketing, EXODUS BIO  
Cold Spring Biotech Co., Ltd.  
冷泉港生物科技股份有限公司

**主辦單位** 亞東紀念醫院醫學研究部

**協辦單位** 國立陽明交通大學藥物科學院、 國立陽明交通大學腫瘤與免疫學研究中心 (教育部高等教育深耕計劃)、台灣外泌體產學聯盟、台灣再生醫學學會、台灣細胞醫療協會、台灣研發型生技新藥發展協會 (TRPMA)、高雄醫學大學再生醫學與細胞治療研究中心、財團法人李美蓉癌症醫學研究基金會、國民健康署菸品健康福利捐、張平倫癌症暨生物治療研究中心、Tpark 台北遠東通訊園區

# Program

Time	Speaker	
08:50~09:00	<b>Opening Remarks</b> Chi-Ying F. Huang, Dean Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University	
09:00~09:40	<b>EV RNAs as Biomarkers and Mediators of Sarcopenia and Muscle Aging</b> Hsing-Jien Kung, Chair Professor and Academician College of Medical Science and Technology, Taipei Medical University, Taiwan	
09:40~10:20	<b>Nanoparticle Cancer Diagnostics based on EV Affinity and Activity Assays</b> Hsueh-Chia Chang, Yushan Scholar Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University Bayer Professor, Chemical Engineering Department of Chemical and Biomolecular Engineering, University of Notre Dame	
10:20~10:40	Coffee Break	
10:40~11:20	<b>Nano and Microfluidic Technology from Femto to Ton</b> Takehiko Kitamori Yushan Honorary Chair Professor Institute of Nanoengineering and Microsystems (iNEMS), Department of Power Mechanical Engineering (PME), National Tsing Hua University	
11:20~12:00	<b>Drug Discovery based on Biophysical Analysis</b> Jose Caaveiro, Professor Graduate School of Pharmaceutical Sciences, Kyushu University, Japan	
12:00~12:15	<b>Decoding the miRNA Landscape : From Sequencing Data to Biological Insights</b> Ting-Wen Liao, Bioinformatics Engineer Microbiome Research Center (BMRC), BIOTOOLS CO., LTD.	
12:15~12:25	<b>Signing Collaboration Agreement</b> Chi-Ying F. Huang, Dean Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University	
12:25~13:20	Lunch Time	
13:20~14:00	<b>To Be Announced</b>	
14:00~14:40	<b>Efficacy of Hypoxia-Conditioned MSCs and Their Extracellular Vesicles in Rat Models of Alzheimer's Disease and Spinal Cord Injury</b> Nguyen Thanh Liem, Professor, Director Vinmec Research Institute of Stem Cell and Gene Technology, Vin University, Vietnam	
14:40~14:55	<b>Stem Cell New Drug Development in Taiwan</b> Po-Cheng Lin, Chief Technology Officer, Research and Development Department, Gwo Xi Stem Cell Applied Technology	
14:55~15:10	<b>Decoding Micro-Signals: Achieving High-Purity and Non-Destructive Extracellular Vesicle Isolation via Exodus H-600/M-600 Automated Platforms</b> Johnny Zhuang, Associate Director Head of APAC & Middle East, Department of Sales & Marketing, EXODUS BIO	
15:10~15:30	Coffee Break	
15:30~15:55	<b>Encapsulated Extracellular Vehicles for Disease treatments</b> Chi-Ying F. Huang, Dean Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University	
15:55~16:20	<b>Extracellular Vesicles for Innovative Precision Medicine: Liquid Biopsy for Early Cancer Detection, Prognosis, and Precision Oncology</b> Chi-Ling Chiang, Assistant Professor Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University	
16:20~17:00	<b>TIM4-affinity methods for the isolation and detection of extracellular vesicles</b> Rikinari Hanayama, Professor WPI Nano Life Science Institute, Kanazawa University, Japan	



國立陽明交通大學藥物科學院

# NYCU-FEMH Joint Symposium

## 2026 International Symposium on Integrated Applications of Diagnostics, Therapeutics, and Regenerative Medicine

3/27 Fri 8:50~17:10

Ho Yin Tsai Memorial Hall, Shou-Ren Building, NYCU

2026 診斷、治療與再生醫學

### 全方位應用 研討會



**黃奇英** Chi-Ying F. Huang  
Dean, Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University



**龔行健** Hsing-Jien Kung  
Chair Professor and Academician College of Medical Science and Technology, Taipei Medical University, Taiwan



**張學嘉** Hsueh-Chia Chang  
Yushan Scholar Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University  
Bayer Professor, Chemical Engineering Department of Chemical and Biomolecular Engineering, University of Notre Dame



**北森武彥** Takehiko Kitamori  
Yushan Honorary Chair Professor Institute of Nanoengineering and Microsystems (INEMS), Department of Power Mechanical Engineering (PME), National Tsing Hua University



**Jose Caaveiro**  
Professor Graduate School of Pharmaceutical Sciences, Kyushu University, Japan



食藥署



**Nguyen Thanh Liem**  
Professor, Director Vinmec Research Institute of Stem Cell and Gene Technology, Vin University, Vietnam



**江季霖** Chi-Ling Chiang  
Assistant Professor Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University



**華山力成** Rikinari Hanayama  
Professor WPI Nano Life Science Institute, Kanazawa University, Japan



**廖挺姘** Ting-Wen Liao  
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**林珀丞** Po-Cheng Lin  
Chief Technology Officer Research and Development Department, Gwo Xi Stem Cell Applied Technology Gwo Xi Stem Cell Applied Technology Co., Ltd. 國璽幹細胞應用技術股份有限公司



**莊正** Johnny Zhuang  
Associate Director Head of APAC & Middle East, Department of Sales & Marketing, EXODUS BIO Cold Spring Biotech Co., Ltd. 冷泉港生物科技股份有限公司

主辦單位 國立陽明交通大學藥物科學院

協辦單位 亞東紀念醫院醫學研究部、國立陽明交通大學腫瘤與免疫學研究中心(教育部高等教育深耕計劃)、台灣外泌體產學聯盟、台灣再生醫學學會、台灣細胞醫療協會、台灣研發型生技新藥發展協會 (TRPMA)、高雄醫學大學再生醫學與細胞治療研究中心、財團法人李美蓉癌症醫學研究基金會、國民健康署菸品健康福利捐、張平倫癌症暨生物治療研究中心、Tpark 台北遠東通訊園區