

馬偕學校財團法人馬偕醫學院 函

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速別：普通件

密等及解密條件或保密期限：

附件：研討會議程 (1141200398_1_2025國際聽覺修復與再生醫學研討會議程.pdf)

主旨：檢送馬偕醫學院聽力暨語言治療學系舉辦「2025國際聽覺修復與再生醫學研討會」之活動簡章及海報，敬請公告周知並鼓勵師生踴躍報名參加，請查照。

說明：

一、本次研討會以「聽覺醫學與再生治療的前瞻進展」為主題，由馬偕醫學院聽力暨語言治療學系與台灣內耳治療學會共同主辦，匯集來自美國哈佛醫學院、麻省眼耳醫院、日本順天堂大學等國際知名學者，並結合國內臨床、研究與產業領域的專家，共同探討聽覺修復與再生醫學的創新技術與臨床應用，期望促進跨領域整合與臨床轉譯，加速我國耳科醫療服務與精準醫療發展。

二、研討會資訊：

(一)活動日期：2025年5月27日(二)至5月28日(三)。

(二)活動地點：馬偕醫學院第二教研大樓二樓國際會議廳(新北市三芝區中正路三段46號)。

三、報名網址：<https://tsiet.kktix.cc/events/tsiet2025>

總收文 114.05.08



1140005981

(報名截止日：2025/05/19)。

四、論文投稿：<https://reurl.cc/aZ6lMQ> (徵稿截止日：2025/05/19)。

五、積分認證：

(一)台灣聽力語言學會繼續教育積分-聽力師 (申請中)。

(二)台灣耳鼻喉頭頸外科醫學會積分 (申請中)。

六、檢附研討會議程乙份供參。

七、請協助轉知貴校生命科學、生物醫學、醫學等相關系所、
聽力暨語言治療學系、語言治療與聽力學系、語言治療學
系、語言治療與聽力學系所等。

正本：各公立大學校院、各私立大學校院

副本：本校聽力暨語言治療學系



校長 李居仁

第一屆台灣內耳治療學會國際研討會暨哈佛/馬偕聽覺修復及再生醫學新知研討會

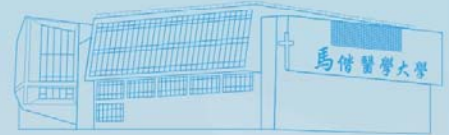
2025 International Symposium for Hearing Repair and Regenerative Medicine



2025
5/27 - 5/28



MacKay Medical University
International Conference Hall No.46,
Sec. 3, Zhongzheng Rd., Sanzhi Dist.,
New Taipei City 252, TAIWAN



大會議程
Symposium
Program

5/27 Session 1



Dr. Michael Charles
LIBERMAN
(Harvard Medical School,
USA, Mass Eye and Ear)



Dr. Tal-TEITZ
(The Scintillon Research
Institute, USA)



Dr. Zheng-Yi CHEN
(HMS, USA)



Dr. Yen-Fu Cheng
(NYCU, Taiwan)

5/27 Session 2



Dr. Hanae LAHLOU
(HMS, USA)



Dr. Kazusaku KAMIYA
(Juntendo University,
Japan)



Dr. Yi-Chao Hsu
(MacKay Medical
University, Taiwan)



Dr. Ching-Yun Chen
(National Central
University, Taiwan)

5/28 Session 3



Dr. Sunil PURIA
(HMS, USA)



Dr. Chen-Chi Wu
(National Taiwan
University, Taiwan)



Dr. Julie Gayle
ARENBERG
(HMS, USA)



Dr. Yen-Ming Chang
(Children's hearing
foundation, Taiwan)

5/28 Session 4



Dr. Ing-Ming Chiu
(China Medical
University, Taiwan)



Dr. Jian ZUO
(Ting Therapeutics,
USA)



Dr. Peggy TSENG
(Mycenax
Biotech Inc.)



Dr. Cheng-Yung Lin
(MacKay Medical
University, Taiwan)



Dr. Chia-Wen. Chien
(Taiwan Bio
Therapeutics Inc.)

主辦單位:



TSIET

Organizing Committee: Dr. Yi-Chao Hsu, Dr. Hanae Lahlou,
Dr. Chia-Ning Sheng, Dr. Cheng-Yung Lin, Dr. Ching-Yun Chen

協辦單位:

NSTC 國家科學及技術委員會
National Science and Technology Council
台灣聽力語言學會、中華民國聽力師公會全國聯合會

贊助單位:



2025 Annual Meeting of Taiwan Society for Inner Ear Therapeutics/ International Symposium for Hearing Repair and Regenerative Medicine

2025/05/27 (Tue.)

International Conference Hall, MacKay Medical College

DAY 1: Foundational Research and Emerging Therapies

08:00-09:00	Registration
09:00-09:10	Opening Remarks MacKay Medical College, President- Prof. Jie-Jen Lee MacKay Medical College, Research and Development Chair- Prof. Hsien-Yu Peng ASLP Chair and TSIET President – Prof. Yi-Chao HSU & TSIET Honorable President – Prof. Hung-Ching LIN
Session 1 –Neural and Hair Cell Regeneration in the Cochlea Chairs: Prof. Hsien-Yu Peng & Prof. Ing-Ming Chiu M. Charles Liberman, Ph.D. (Harvard Medical School, USA)	
09:10-10:00	Cochlear neural degeneration and regeneration: Insights from animal models and human temporal bone histopathology TAL TEITZ, Ph.D. (THE SCINTILLON RESEARCH INSTITUTE, USA)
10:00-10:50	Developing Therapeutics for Cisplatin- and Noise-Induced Hearing Loss- Dabrafenib, a BRAF Kinase Inhibitor, as a top Candidate
10:50-11:10	Coffee Break
11:10-12:00	Zheng-Yi CHEN, Ph.D. (Harvard Medical School, USA) Reprogramming in mammalian hair cell regeneration and potential treatment for hearing loss
12:00-12:20	Yen-Fu CHENG, M.D., Ph.D. (National Yang Ming Chiao Tung University, Taiwan) Precision Therapy for DFNB4: Restoring Pendrin via CRISPR/Cas9-mediated Exon Skipping
12:20-14:00	Lunch Break, Poster time
Session 2 – Small molecules, gene therapy and stem cell-based therapy for inner ear disorders Chairs: Prof. Chia-Ning Sheng and Prof. Yau-Huei Wei Hanae LAHLOU, Ph.D. (Harvard Medical School, USA)	
14:00-14:50	Small Molecules, Big Impact: Unlocking Hair Cell Regeneration in Hearing and Balance Organs Yi-Chao HSU, Ph.D. (MacKay Medical University, TAIWAN)
14:50-15:10	Regeneration medicine for sensorineural hearing loss
15:10-15:30	Coffee Break
15:30-16:20	Kazusaku KAMIYA, Ph.D. (Juntendo University, JAPAN) AAV Gene Therapy and iPS Cell-Based Drug Development Targeting Cochlear Gap Junction
16:20-16:40	Ching-Yun CHEN, Ph.D. (National Central University, TAIWAN) Reconstructing the Gradient Ionic Niche: A 3D Organoid Model for Cochlear Hair Cell Regeneration
16:50-18:30	Shuttle for Dinner

**2025 Annual Meeting of Taiwan Society for Inner Ear Therapeutics/
International Symposium for Hearing Repair and Regenerative Medicine**

**2025/05/28 (Wed.)
International Conference Hall, MacKay Medical College**

DAY 2: Clinical Aspects and Industry Perspectives

08:00-09:00	Registration
Session 3 – Audiology Innovations and Patient Outcomes Chairs: Prof. Hung-Ching LIN and Prof. Chen-Chi WU	
09:00-09:50	Sunil PURIA, Ph.D. (Harvard Medical School, USA) Beyond the Basilar Membrane: What OCT Reveals About Cochlear Transduction
09:50-10:40	Chen-Chi WU, M.D., Ph.D. (National Taiwan University College of Medicine) Precision Health in Childhood Hearing Loss: from Diagnostics, Prognostics to Therapeutics
10:40-11:00	Coffee Break
11:00-11:50	Julie ARENBERG, Ph.D. (Harvard Medical School, USA) Quick and reliable tools to tailor the programing of cochlear implants to optimize speech understanding
11:50-12:10	Yen-Ming Chang (Children’s Hearing Foundation, TAIWAN) From OTOF Gene Therapy to Audiological Management
12:10- 14:00	Lunch Break, Poster time

Session 4 – Neural Regeneration and Hearing Therapeutics Chairs: Prof. Chia-Ning Sheng and Prof. Yi-Chao Hsu	
14:00-14:50	Ing-Ming CHIU, Ph.D. (China Medical University, Taiwan) Neurotrophic Factors in Neurogenesis and Myelinogenesis to Promote Neuroregeneration
14:50-15:40	Jian Zuo, Ph.D. (Co-Founder/CEO, Ting Therapeutics) Inner ear disorder therapeutics: Best-in-class drugs for ototoxicity
15:40-16:00	Peggy TSENG, Ph.D. (MYCENAX BIOTECH INC., Taiwan) Leveraging ExoMX™ Platform to Industrialize Clinical-scale Manufacturing of Therapeutic Exosomes
16:00-16:20	Coffee Break
16:20-16:40	Cheng-Yung LIN, Ph.D. (MacKay Medical University, TAIWAN) The study of sensorineural hearing loss using the zebrafish animal model
16:40-17:00	Chia-Wen. CHIEN, Ph.D. (TaiBo Biotechnology, TAIWAN) Taiwan Bio Therapeutics: Revolutionizing Cell Therapy with the TDM Model
17:00-17:45	Panel Discussion: From Bench to Bedside in Inner Ear Therapy
17:45-18:00	CLOSING REMARK AND POSTER PRIZE CEREMON
18:00-21:00	DINNER BUFFET (MacKay Medical University)