

朝向健康生命的再生醫學暨 2025 年台灣再生醫學學會學術研討會
Toward Health Life by Regenerative Medicine/ 2025 Annual Meeting of FARM
Scientific Program

| Time | Topic | Speaker | Institute | Moderator |
|--|--|-----------------------------|--|----------------|
| 08:00 | Registration 報 到 | | | |
| Session 1 | | | | |
| 08:30~08:40 | Opening Remark | | | |
| 08:40~09:10 | Transforming Disease Treatment: Mesenchymal Stem Cell Spheroids from Preclinical Models to Scaled-Up, Fully Automated Production | Prof. Seong Keun Kwon | Korean Society for Biomaterials Korean Tissue Engineering & Regenerative Medicine Society | 張至宏教授 |
| 09:10~09:40 | Rebuilding Immune Resilience in Aging and Cancer: Advancements in Drug Development for Regenerative Health. | Dr. Helen Chen | Stanford University – Alixia | 方旭偉教授 |
| 09:40~10:10 | Enhancement of BMP-2-Mediated Bone Regeneration and Clinical Study on Osteonecrosis Repair | Prof. Eui Kyun Park | Department of Oral Pathology and Regenerative Medicine, School of Dentistry, Kyungpook National University, Daegu, South Korea | 胡育誠教授 |
| 10:10~10:30 Group photo / Coffee Break | | | | |
| Session 2 | | | | |
| 10:30~11:00 | Tissue-engineered Tissue Models for Understanding Biological Responses to Nano/Microplastics | Prof. Masaya Yamamoto, PhD. | Graduate School of Engineering Department of Materials Processing Physical Metallurgy and Physicochemistry of Biomolecular and Biomaterial Systems Tohoku University, Japan | 楊凱強教授 |
| 11:00~11:20 | Angiogenic, Injectable, Granular, Porous Scaffold for Fat Transplantation | 劉彥良 教授 | 中國醫藥大學醫學工程學院 | 黃玲惠教授 沈家寧教授 |
| 11:20~11:40 | Biofabrication of Functionalized Hydrogels: New Frontiers in Regenerative Medicine | 林芷歆 副教授 | 臺北醫學大學奈米醫學工程研究所 | |
| 11:40~12:00 | Smart Wound Dressing for Infected Wound Healing and Monitoring Applications | 林宗宏 教授 | 台灣大學醫學工程學系 | |
| 12:00 會員大會 / 12:00~13:40 Lunch Break | | | | |

| Time | Topic | Speaker | Institute | Moderator |
|--|--|---------|------------------------------|----------------|
| Session 3 | | | | |
| 13:40~14:00 | Innovative Optical Imaging Technologies: Breakthroughs and Future Perspectives in Blood Microcirculation and Wound Diagnosis | 廖倫德 教授 | 國家衛生研究院生醫工程研究所 | 何美泠教授 陳志華教授 |
| 14:00~14:20 | Tracking Mesenchymal Stem Cells with Iron Oxide Nanoparticles: In Vivo Imaging and Applications | 蕭仲凱 教授 | 台北慈濟醫院影像醫學部 | |
| 14:20~14:40 | Comparison of Extracellular Vesicles from Different Stem Cells and Their Potential Use in Bone and Cartilage | 陳崇桓 教授 | 高雄醫學大學骨科學研究中心 | |
| 14:40~15:00 | Extracellular Vesicles as a Therapeutic Approach for Cartilage Disorders | 廖秀蓉 博士 | 亞東紀念醫院醫學研究部 國立陽明交通大學生物藥學所 | |
| 15:00~15:30 Group photo / Coffee Break | | | | |
| Session 4 | | | | |
| 15:30~15:50 | The Role of CD44-miR146a Axis in Tendinopathy | 吳柏廷 教授 | 成功大學醫學院骨科學科 | 姚俊旭教授 黃彥華教授 |
| 15:50~16:10 | Bioengineered Microrobots for Intelligent Translational Medicine | 莊爾元 教授 | 臺北醫學大學醫材暨組織工程研究所 | |
| 16:10~16:30 | 人工周邊神經再生醫學-中醫學應用典範轉移 | 陳悅生 教授 | 中國醫藥大學生物醫學工程學系 | |
| 16:30~16:50 | 台灣細胞資源整合發展與創新實踐 | 張育甄 博士 | 財團法人食品工業發展研究所 生物資源保存及研究中心 | |
| Closing Remarks & Poster Competition Award | | | | |