

# 2026 KMU International Conference on Biomedicine

## Oral Presentation Competition

Date : October 17, 2026 (Saturday) 14 : 50~

Venue : Discussion Room B1, International Academic Research Building, Kaohsiung Medical University

| TIME                                                    | TOPIC                                                                                                                                                                                                               |     |                         |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------|
| Before 14:30                                            | Registration                                                                                                                                                                                                        |     |                         |
| 14:40-14:50                                             | Opening Remarks                                                                                                                                                                                                     |     |                         |
| Key Presentation: 8 minutes    Committee Q&A: 2 minutes |                                                                                                                                                                                                                     |     |                         |
| TIME                                                    | TOPIC                                                                                                                                                                                                               | NO. | PRESENTER               |
| 14:50-15:00                                             | What repeats in chronic liver injury is metabolic shutdown, not fibrosis                                                                                                                                            | 01  | Saptarshi Bhattacharyya |
| 15:00-15:10                                             | Incremental Predictive Value of Mental Health Factors for Incident HipFracture: A Comparison of Prediction Models Using CHARLS 2015–2020                                                                            | 02  | Hsuan Chou              |
| 15:10-15:20                                             | From Natural Products to Biomedical Leads: Integrated Phytochemical,Bioactivity, Molecular Networking, and In Silico Investigation ofElaeocarpus Species                                                            | 03  | Kimberly Delica-Balago  |
| 15:20-15:30                                             | Basolateral Sorting Signal Combined Recombinant Protein as a Therapeutic Protein Delivery Strategy to Bypass Blood Brain Barrier (BBB) and Enhances Target Selectivity for Glioblastoma Multiforme (GBM) Treatment. | 04  | I-Chen Cheng            |
| 15:30-15:40                                             | Three-Dimensional Upper Airway Changes After Maxillomandibular Advancement Surgery for Obstructive Sleep Apnea: Correlations with Subjective and Objective Outcomes                                                 | 05  | En-Wei Chang            |
| 15:40-15:50                                             | A Protease-Triggered CAR-T Cell Design Minimizes Off-Tumor Toxicity and Improves Therapeutic Index in CD19+ Malignancies                                                                                            | 06  | Mu-Shen Chang           |
| 15:50-16:00                                             | Methylation of Hepatitis B Virus RNA Promotes Viral Reverse Transcription and Particle Production                                                                                                                   | 07  | Kartikey Sharma         |
| 5-minutes Break                                         |                                                                                                                                                                                                                     |     |                         |
| 16:05-16:15                                             | GDF15 in Areca Nut-Mediated Cellular Senescence and Oral Carcinogenesis                                                                                                                                             | 08  | Peng-Yu Chen            |
| 16:15-16:25                                             | Green chemistry synthesized Sulfur and Nitrogen co-doped Graphene Quantum Dots: A Sustainable Fluorescent Nanosensing Platform for Ultrasensitive Fe <sup>3+</sup> Detection                                        | 09  | Muhammad Bilal Khan     |
| 16:25-16:35                                             | ISX-driven inflammatory and immune niche remodeling promotes hepatocellular carcinoma progression                                                                                                                   | 10  | Xiang-Yu Li             |
| 16:35-16:45                                             | STING-SPZ1 Perpetuating Loop Reprograms Macrophage Polarization to Potentiate IFN- $\gamma$ Immunotherapy in the Lung Tumor Microenvironment                                                                        | 11  | Chia-Wei Chou           |
| 16:45-16:55                                             | A Non-Cryogenic Dugout-Structured Microneedle Patch for Co-Delivery of Irisin and Fibroblasts in Diabetic Wound Repair                                                                                              | 12  | Yu-Chi Pan              |
| 16:55-17:05                                             | Hepatic Stellate Cell Remodeling Attenuates Liver Fibrosis in MASLD: Mitochondrial Phenotyping and Single-Cell Transcriptomic Exploration                                                                           | 13  | Yu-Ching Huang          |
| END                                                     |                                                                                                                                                                                                                     |     |                         |