[MD2] D. Biosensors (Integrated & Wearable Systems)-2

Session Date	November 09 (Mon.), 2026
Session Time	14:40-15:50
Session Room	Room D (Conference Room 519)
Session Chairs	Prof. Hao Wan (Zhejiang University), Prof. Tomoyuki Yasukawa (University of Hyogo)

[MD2-1] [Invited] **14:40-15:05**

Integration of Preconcentration Chip with the Field Effect Transistor (FET) Biosensor for Biomarker Detection

Yu-Chuan Chang[1], I-Lin Tsai[2], Chun-Jen Huang[2], Yi-Chiung Hsu[3], Horm-Jiunn Sheen[1], Kuang-Chong Wu[1], and Yu-Jui Fan[4]

[1]National Taiwan University, Taiwan, [2]Taipei Medical University, Taiwan, [3]National Central University, Taiwan, [4]National Yang Ming Chiao Tung University, Taiwan

[MD2-2] **15:05-15:20**

Tumor Microenvironment-Activated Zn//MnO_2 Battery for Sustained and Local Electrochemical Immunotherapy

Xiaoran Ding, Xiaoteng Jia, and Geyu Lu

Jilin University, China

[MD2-3] **15:20-15:35**

Wristband-Type Multi-Parameter Intelligent Sweat Monitoring System for Chronic Management of Hyperuricemia

Yuzi Zeng[1], Xinwei Guo[1], Ivana Murković Steinberg[2], and Hao Wan[1]

[1]Zhejiang University, China, [2]University of Zagreb, Croatia

[MD2-4] **15:35-15:50**

A Unique 3D-2D Integrated Microelectrode Microfluidic Platform Enabling Dynamic Electrical Signal Monitoring of Taste Organoids

Yuqi Chen, Miaomiao Wang, Zhiyao Wang, Liping Du, and Chunsheng Wu

Xi'an Jiaotong University, China