[MA2] A. Biosensors (Biorecognition & Diagnostics)-2	
Session Date	November 09 (Mon.), 2026
Session Time	14:40-16:05
Session Room	Room A (Conference Room 517)
Session Chairs	Prof. Masato Suzuki (University of Hyogo), Prof. Jose H. Bergantin (University of Santo Tomas)

[MA2-1] [Invited] **14:40-15:05**

Self-Assembled Interfaces Using Biomolecular Receptors for Detection and Visualization of Low-Molecular-Weight Substances

Takeshi Onodera

Kyushu University, Japan

[MA2-2] **15:05-15:20**

Cannabinoid Receptor-Based Surface Acoustic Wave Sensor for Synthetic Cannabinoids Detection

Li Sin Wong, Yanran Xia, Xiaojing Zhang, Hongyang Guo, Ping Wang, and Liujing Zhuang

Zhejiang University, China

[MA2-3] **15:20-15:35**

Enhanced Lead Ion Detection Using Molecular Sieve-Functionalized DNA Linkers in BioFETs via Temperature Profile

Guan-Cheng Zeng, Ching-Yao Lan, She Yi-Te, and Yu-Lin Wang

National Tsing Hua University, Taiwan

[MA2-4] **15:35-15:50**

A MBene-Based Electrochemical Aptasensor for Label-Free Detection of EpCAM-Overexpressing Cancer Cells

Min Li, Dongxin Liang, Miaomiao Wang, Yuqi Chen, Liping Du, Qiling Li, and Chunsheng Wu

Xi'an Jiaotong University, China

[MA2-5] **15:50-16:05**

Advancing BNCT Precision Medicine Through AI-Enhanced Aptamer Discovery and High-Sensitivity FET Biosensing of BPA

Yi-Fang Wu, Yi-Te She, and Yu-Lin Wang

National Tsing Hua University, Taiwan