[TD1] D. Biosensors (Integrated & Wearable Systems)-3

Session Date	November 10 (Tue.), 2026
Session Time	10:40-12:05
Session Room	Room D (Conference Room 519)
Session Chairs	Prof. Ching-Chou Wu (National Chung Hsing University), Prof. Bor-Ran Li (National Yang Ming Chiao Tung University)

[TD1-1] [Invited] **10:40-11:05**

Plant Wearable Pesticide Biosensor for Smart Agriculture

Xu Yan and Geyu Lu

Jilin University, China

[TD1-2] **11:05-11:20**

Decodable Odor Representations at a Human Organoid–Host Olfactory Neural Interface

Xiangyu Ye, Qifei Wang, Yajie Zhang, Shunuo Shang, Xin Dong, Ping Wang, and Liujing Zhuang

Zhejiang University, China

[TD1-3] **11:20-11:35**

Efficient Luminescent Stable Chichibabin Diradicaloid for Near-Infrared Imaging and Photothermal Therapy

Ting Liu, Xiaomin Liu, and Geyu Lu

Jilin University, China

[TD1-4] **11:35-11:50**

Functionalization-Free Graphene Transistors for Peritoneal Functional Phenotyping

Wanshuo Gao and Wangyang Fu

Tsinghua University, China

[TD1-5] **11:50-12:05**

Odor Decoding and Electrical Stimulation Modulation in the Olfactory Bulb based on Flexible Implantable Neural Electrodes

Fan Wu, Yuhan Peng, Bingqian Yu, Yajie Zhang, Ping Wang, and Liujing Zhuang

Zhejiang University, China