[ThPM1-05] SERS-Based Biosensor

Date / Time	Aug. 30 (Thu.), 2018 / 14:30-16:30
Place	Samda B (Room D)

[ThPM1-05-K-1] (Keynote) **14:30-15:00**

Detection of Bioparticles Using SERS Nanoprobes

Lai-Kwan Chau

National Chung Cheng University, Taiwan

[ThPM1-05-I-2] (Invited) **15:00-15:20**

Immune Cell Activation Measured with Multimodal Label-free Microscopy through Morphology and Spectral Feature

Nicolas Pavillon, Alison J. Hobro, and Nicholas I. Smith

Osaka University, Japan

[ThPM1-05-I-3] (Invited) **15:20-15:40**

Lipid Bilayer-Enabled Approach toward Synthesis of Ultrasensitive SERS Tag for Bioimaging

Yunqing Wang and Lingxin Chen

Chinese Academy of Sciences, China

[ThPM1-05-I-4] (Invited) **15:40-16:00**

In Situ Surface-Enhanced Raman Scattering Spectroscopy for Sub-cells

Shuping Xu, Lijia Liang, Yanting Shen, Rong Deng, Weiqing Xu, and Chongyang Liang

Jilin University, China

[ThPM1-05-O-5] **16:00-16:15**

Multimodal Spectroscopic Analysis of Margins during Breast Conserving Surgery.

D. W. Shipp[1], Maria Lizio[1], E. A. Rakha[1], A. A. Koloydenko[2], R. D. Macmillan[3], I. O. Ellis[1], and I. Notingher[1]

[1]University of Nottingham, U.K., [2] University of London, U.K., [3]University Hospitals NHS Trust, U.K.

[ThPM1-05-O-6] **16:15-16:30**

Development of SERS-based Lateral Flow Assay for Highly Accurate Diagnosis of Scrub Typhus Rickettsial Disease

See Hi Lee and Jaebum Choo

Hanyang University, Korea