



<b>[ThPM1-05] SERS-Based Biosensor</b>	
<b>Date / Time</b>	Aug. 30 (Thu.), 2018 / 14:30-16:30
<b>Place</b>	Samda B (Room D)
<b>Session Chair</b>	Michael Stenbæk Schmidt (Technical University of Denmark, Denmark)

**[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**

**Rapid Diagnostics of Atherosclerosis in Aorta and Liver Steatosis by Fiber Optic Raman Spectroscopy**

Krzysztof Czamara, Zuzanna Majka, Marta Z. Pacia, Magdalena Zebala, Aleksandra Fus, Kamila Matjasik,

Magdalena Sternak, Edyta Kus, Stefan Chlopicki, and Agnieszka Kaczor

*Jagiellonian University, Poland*