



<b>[ThAM-05] Biochemical Sensing</b>	
<b>Date / Time</b>	Aug. 30 (Thu.), 2018 / 10:00-12:00
<b>Place</b>	Samda B (Room D)
<b>Session Chair</b>	Bayden Wood (Monash University, Australia)

**[ThAM-05-I-1] (Invited) 10:00-10:20**

**Flexible Metalized Silicon Nanopillar SERS Substrates for Biomedical Trace Detection**

Mariitt Viehrig, Onur Durucan, Kaiyu Wu, Lidia Morelli, Kuldeep Sanger, Kinga Zor, Marco Matteucci, Tommy Sonne Alstrøm, Tomas Rindzevicius, Michael Stenbæk Schmidt, and Anja Boisen  
*Technical University of Denmark, Denmark*

**[ThAM-05-I-2] (Invited) 10:20-10:40**

**Synthesis of Au Nanostructures and Biomedical Applications**

Taejoon Kang  
*Korea Research Institute of Bioscience and Biotechnology, Korea*

**[ThAM-05-I-3] (Invited) 10:40-11:00**

**Carbohydrate Antennas of Glycoproteins Investigated by Raman Spectroscopy and Raman Optical Activity**

Vladimír Kopecký Jr., Kateřina Hofbauerová, and Vladimír Baumruk  
*Charles University, Czech Republic*

**[ThAM-05-O-4] 11:00-11:15**

**Characterization of Cells and Extracellular Vesicles with Correlative SEM-Raman**

A. Enciso-Martinez<sup>1</sup>, P. Beekman<sup>2</sup>, A. Nanou<sup>1</sup>, H. Rho<sup>1</sup>, L. W. M. M. Terstappen<sup>1</sup>, and C. Otto<sup>1</sup>  
<sup>1</sup>*Univeristy of Twente, The Netherlands*, <sup>2</sup>*Wageningen University, The Netherlands*

**[ThAM-05-O-5] 11:15-11:30**

**Nanowire Based Surface-Enhanced Raman Scattering Platform for Biochemical Sensing**

Hongki Kim<sup>1</sup>, Bongsoo Kim<sup>2</sup>, and Taejoon Kang<sup>1</sup>  
<sup>1</sup>*Korea Research Institute of Bioscience and Biotechnology, Korea*, <sup>2</sup>*KAIST, Korea*

**[ThAM-05-K-6] (Keynote) 11:30-12:00**

**Surface-Enhanced Raman Scattering for Living Single Cell Analysis**

Mustafa Culha, Gamze Kuku, Mine Altunbek, Deniz Yasar Oztas, and Melike Saricam  
*Yeditepe University, Turkey*