



[WeAM-07] Biological Applications-3	
Date / Time	Aug. 29 (Wed.), 2018 / 10:00-12:00
Place	302 (Room F)
Session Chair	Xing Yi Ling (Nanyang Technological University, Singapore)

[WeAM-07-I-1] (Invited) 10:00-10:20

Surface-Enhanced Hyper Raman Scattering for the Characterization of Nano-Bio Interactions
Janina Kneipp, Fani Madzharova, Zsuzsanna Heiner, Vesna Živanović, and Daniela Drescher
Humboldt Universität zu Berlin, Germany

[WeAM-07-I-2] (Invited) 10:20-10:40

Gold Nanostructures for Biological Applications
Sungjee Kim
Pohang University of Science & Technology, Korea

[WeAM-07-I-3] (Invited) 10:40-11:00

Fabrication of Sensitive SERS Substrate and Their Applications in Catalysis and Biosensing
Wei Song
Jilin University, China

[WeAM-07-I-4] (Invited) 11:00-11:20

Metal Assembled Structure for SERS Based Bio-Applications
Bong-Hyun Jun
Konkuk University, Korea

[WeAM-07-O-5] 11:20-11:35

Magnetically Assisted Surface-Enhanced Raman Spectroscopy for C-Reactive Protein Detection with High Sensitivity Using an Aptamer-Based Sandwich Assay
Ziwei Hu, Jiayi You, Zitao Wang, Ting Zhao, Xiaochen Liang, Xingjie Yang, Zhengjin Jiang, and Haibo Zhou
Jinan University, China

[WeAM-07-O-6] 11:35-11:50

Estimation of HIV-1 Viral Load in Infected Plasma Using the Intensity of Associated Surface-Enhanced Raman Spectroscopic Peaks
Ben Otange¹, Ronald Rop¹, Zephania Birech², and Julius Oyugi²
¹Egerton University, Kenya, ²University of Nairobi, Kenya