



<b>[MoPM1-05] Drug Delivery and Monitoring</b>	
<b>Date / Time</b>	Aug. 27 (Mon.), 2018 / 14:30-16:30
<b>Place</b>	Samda B (Room D)
<b>Session Chair</b>	Karen Faulds (University of Strathclyde, U.K.)

**[MoPM1-05-I-1] (Invited) 14:30-14:50**

**Spectroscopic Characterization in Bio Systems and Nanoparticle-Mediated Drug Delivery**

Y. -C. Lin, K. -T. Wu, Z. -R. Lin, C. -C. Chang, E. Perevedentseva, and C. -L. Cheng  
*National Dong Hwa University, Taiwan*

**[MoPM1-05-I-2] (Invited) 14:50-15:10**

**Creating SERS-Active Substrates with Hybrid Plasmonic Nanostructures**

Ilusun Yoon, Youngsoon Jeong, Sumin Lee, and Rashida Akter  
*Chungnam National University, Korea*

**[MoPM1-05-I-3] (Invited) 15:10-15:30**

**Non-Invasive Assessment of Developmental Competence of Mouse Oocytes Using Raman Spectroscopy**

Mika Ishigaki<sup>1</sup>, Yumi Hoshino<sup>2</sup>, and Yukihiro Ozaki<sup>1</sup>  
<sup>1</sup>*Kwansei Gakuin University, Japan*, <sup>2</sup>*Hiroshima University, Japan*

**[MoPM1-05-O-4] 15:30-15:45**

**Investigation of the Binding Sites and Orientation of Phenytoin by Surface-Enhanced Raman Scattering and Molecular Docking**

Shyni V<sup>1</sup>, I. Hubert Joe<sup>1</sup>, and V. K. Rastogi<sup>2</sup>  
<sup>1</sup>*Mar Ivanios College, India*, <sup>2</sup>*Indian Spectroscopy Society, India*

**[MoPM1-05-O-5] 15:45-16:00**

**Primary Particle Imaging of Active Pharmaceutical Ingredient in Formulations by Raman Crystal Orientation Mapping (RCOM)**

Chinatsu Enomoto, Kazue Kimura, and Kei Moriyama  
*Shujitsu University, Japan*

**[MoPM1-05-K-6] (Keynote) 16:00-16:30**

**Therapeutic Drug Monitoring with SERS**

Roy Goodacre  
*University of Manchester, U.K.*