



[MoPM1-05] Drug Delivery and Monitoring

Date / Time Aug. 27 (Mon.), 2018 / 14:30-16:30

Place Samda B (Room D)

[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

Ilsun 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 Ishigaki¹, Yumi Hoshino², and Yukihiro Ozaki¹

¹Kwansei Gakuin University, Japan, ²Hiroshima 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 V¹, I. Hubert Joe¹, and V.K. Rastogi²

¹Mar Ivanios College, India, ²Indian 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.