



[TuPM1-05] Bioimaging

Date / Time Aug. 28 (Tue.), 2018 / 14:30-16:30

Place Samda B (Room D)

[TuPM1-05-K-1] (Keynote)

14:30-15:00

Raman Imaging for Diagnosis and Detection of Diseases

Malgorzata Baranska

Jagiellonian University, Poland

[TuPM1-05-I-2] (Invited)

15:00-15:20

'Click' SERS for Multiplex Liquid Biopsy and Accurate Cellular Imaging

Ai-Guo Shen

Wuhan University, China

[TuPM1-05-I-3] (Invited)

15:20-15:40

Live and Label-free: Multimodal CARS Imaging for Quantitative Assessment of Bioengineered Tissue

Catarina Moura, Rahul S. Tare, Richard O. C. Oreffo, and Sumeet Mahajan

University of Southampton, U.K.

[TuPM1-05-I-4] (Invited)

15:40-16:00

Raman Imaging of Host Cells and Their Immune Response to Pathogens

Alison J. Hobro, Nicolas Pavillon, and Nicholas I. Smith

Osaka University, Japan

[TuPM1-05-O-5]

16:00-16:15

Fiber-based Raman Imaging System for Bladder Tissue Analysis

Eliana Cordero¹, Iwan W. Schie¹, and Jürgen Poppa^{1,2}

¹Leibniz Institute of Photonic Technology (IPHT), Germany, ²Friedrich Schiller University Jena, Germany

[TuPM1-05-O-6]

16:15-16:30

Raman Microspectroscopic Analysis of Breast Cancer on Tissue Microarrays (TMA)

Daniela Lazaro-Pacheco¹, Abeer Shaaban², Gouri Baldwin³, Akinwale Titloye⁴, Shazza Rehman⁵, and Ihtesham ur Rehman¹

¹University of Sheffield, U.K., ²Queen Elizabeth Hospital, U.K., ³University of Birmingham, U.K.,

⁴Kwame Nkrumah University of Science and Technology, Ghana, ⁵Airedale NHS Foundation Trust, U.K.