



<b>[TuPM1-05] Bioimaging</b>	
<b>Date / Time</b>	Aug. 28 (Tue.), 2018 / 14:30-16:30
<b>Place</b>	Samda B (Room D)
<b>Session Chair</b>	Judy E. Kim (University of California at San Diego, USA)

**[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 Cordero<sup>1</sup>, Iwan W. Schie<sup>1</sup>, and Jürgen Popp<sup>1,2</sup>

<sup>1</sup>*Leibniz Institute of Photonic Technology (IPHT), Germany*, <sup>2</sup>*Friedrich Schiller University Jena, Germany*

**[TuPM1-05-O-6] 16:15-16:30**

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

Daniela Lazaro-Pacheco<sup>1</sup>, Abeer Shaaban<sup>2</sup>, Gouri Baldwin<sup>3</sup>, Akinwale Titloye<sup>4</sup>, Shazza Rehman<sup>5</sup>, and Ihtesham ur Rehman<sup>1</sup>

<sup>1</sup>*University of Sheffield, U.K.*, <sup>2</sup>*Queen Elizabeth Hospital, U.K.*, <sup>3</sup>*University of Birmingham, U.K.*, <sup>4</sup>*Kwame Nkrumah University of Science and Technology, Ghana*, <sup>5</sup>*Airedale NHS Foundation Trust, U.K.*