

# International Mass Imaging Center Meeting

DESI demonstration sponsored by Waters

10:30-12:00

Zoltán Takáts ( Imperial College London, UK)

B113

12:00-13:20

Lunch

Plenary Lecture sponsored by Waters

13:20-14:00

Rapid Lipidomic Phenotyping of Tissues, Cells and Biological Fluids by Ambient Ionization Mass Spectrometry  
Zoltán Takáts (Imperial College London, UK)

Room L  
Clinical Lecture  
Bldg.

14:00-14:15

Chemical fixation with glutaraldehyde and uranyl acetate enables ultrastructural imaging mass spectrometry of lipid molecules using gas cluster ion beam with time-of-flight secondary ion mass spectrometry.  
Mitsutoshi Setou (Hamamatsu University of Medicine)

14:15-14:30

Improvement of matrix application procedure for imaging mass spectrometry.  
Shuichi Shimma (Osaka University)

14:30-14:45

An Introduction of MALDI Molecular Imager / Imaging mass spectrometry  
Toshiji Kudo (Bruker Daltonics K.K.)

14:45-15:00

High Spatial Resolution Imaging by Mass microscope iMScope TRIO  
Koretsugu Ogata(Shimadzu)

15:00-15:15

High resolution Elemental Imaging of Biological Samples by High sensitivity, fast-scanning LA-ICP-MS  
Kuroki Yasuo (Thermo Fisher Scientific)

15:15-15:30

MALDI-MSI and HE-CID analyses using high resolution time-of-flight mass spectrometer, SpiralTOF.  
Satoh Takaya (JEOL)

Room L  
Clinical Lecture  
Bldg.

<b>15:30-15:40</b>	<b>Break</b>
<b>15:40-15:55</b>	<b>Title TBA Yoshishige Kimura (Kanagawa University of Human Services)</b>
<b>15:55-16:10</b>	<b>Title TBA Shinichi Ogawa(National Institute of Advanced Industrial Science and Technology)</b>
<b>16:10-16:25</b>	<b>Recent Progress and Future Prospect of Imaging Mass Spectrometry with Cluster SIMS Makiko Fujii (National Institute of Advanced Industrial Science and Technology)</b>
<b>16:25-16:40</b>	<b>Visualization of enzyme replacement effects on GM2 gangliosidosis model mouse using imaging mass spectrometry Keisuke Kitakaze (Tokushima University)</b>
<b>16:40-16:55</b>	<b>Pharmacokinetics and distribution of ephedrine in the lungs of rats orally administered the Japanese Kampo medicine maoto Takashi Matsumoto (Tsumura &amp; Co.)</b>
<b>16:55-17:10</b>	<b>Title TBA Miki Tajiri (Mandom)</b>
<b>17:10-17:25</b>	<b>Application of imaging mass spectrometry to drug distribution in rabbit eye Naoto Mori(Santen Pharmaceutical)</b>
<b>17:25-17:40</b>	<b>Mass spectrometry imaging for transitional condition of Rivastigmine to the mouse brain Ikuko Yao (Hamamatsu University of Medicine)</b>