

MASS SPECTROMETRY IMAGING – VISUALISING MOLECULAR DISTRIBUTIONS ON TISSUE AND BIOMATERIAL

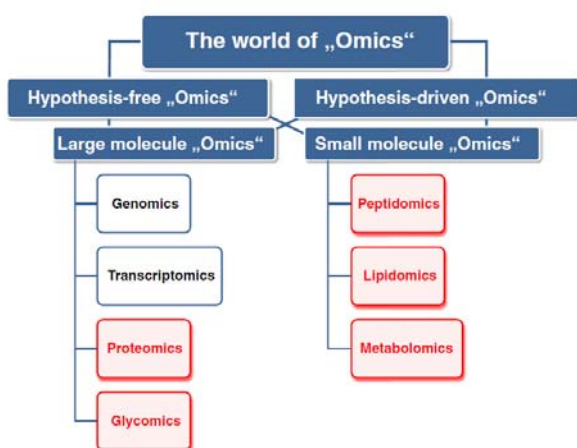
GUEST LECTURE by



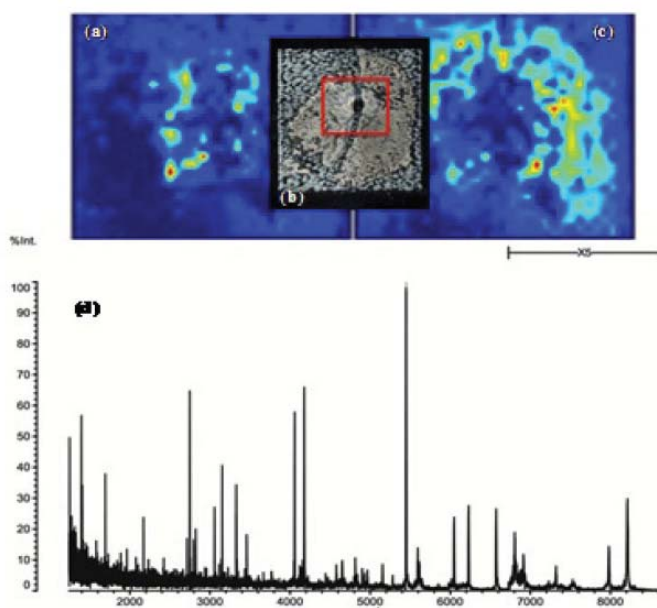
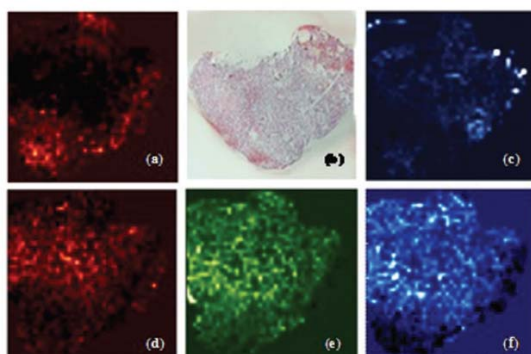
Martina Marchetti-Deschmann, PhD
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Chemical Technologies and Analytics, Vienna
University of Technology, Austria

Monday, 15.04.2013
17:00h

Department of Pathology, Lecture Hall
Auenbruggerplatz 25, MUG



Mass spectrometry – One of the pillars of proteomics
Marchetti-Deschmann M, Allmaier G (2011) J Proteomics
74(7):915-9



▲ Protein based differentiation of medulla and cortex in rat kidney tissue.

◀ Tissue differentiation according to identified lipid species.

Renopathological microstructure visualization from formalin fixed kidney tissue by matrix assisted laser/desorption ionization-time-of flight mass spectrometry imaging
Fröhlich et al. (2012) BJMG Suppl.15:13-16