

AIMS.2015 Agenda

Monday, April 13, 2015		
3:30 pm to 5:30 pm	Sign-in	NS 140
4:00 pm to 5:00 pm	Tutorial I: Basics of Mass Spectrometry Kevin L. Schey , Vanderbilt University	NS 140
5:00 pm to 6:00 pm	Tutorial II: Basics of Histology and Microscopy Kristina Schwamborn , Technische Universität München, Germany	NS 140
Tuesday, April 14, 2015		
7:15 am to 8:00 am	Sign-in & Continental Breakfast	NS 140
8:00 am to 9:00 am	Welcome Michelle L. Reyzer , Vanderbilt University Keynote Address: Imaging Mass Spectrometry: Some General Considerations Richard M. Caprioli , Vanderbilt University	NS 140
9:00 am to 10:00 am	Presentation: Sample Preparation Michelle L. Reyzer , Vanderbilt University	NS 140
10:00 am to 10:30 am	Break	MRB III 7 th Floor
10:30 am to 12:00 pm	Workshops: Sample Preparation I 1A: Fresh frozen tissue: cryosectioning 1B: Fresh frozen tissue: washing/staining 1C: FFPE: sectioning 1D: FFPE: antigen retrieval/washing	MRB III 9 th Floor MSRC Learned Learned Learned
12:00 pm to 1:30 pm	Lunch and seminar sponsored by Denator	NS 140
1:30 pm to 3:00 pm	Workshops: Sample Preparation II 2A: Fresh frozen tissue: cryosectioning 2B: Fresh frozen tissue: washing/staining 2C: FFPE: sectioning 2D: FFPE: antigen retrieval/washing	MRB III 9 th Floor MSRC Learned Learned Learned
3:00 pm to 3:30 pm	Break	MRB III 7 th Floor
3:30 pm to 4:30 pm	Presentation: Matrix Application Michelle L. Reyzer , Vanderbilt University	NS140
4:30 pm to 5:30 pm	Presentation: Practical Instrumentation for Imaging Jeffrey M. Spraggins , Vanderbilt University	NS 140
5:30 pm to 6:30 pm	Meet the speakers	MRB III 7 th Floor
Wednesday, April 15, 2015		
8:00 am to 9:00 am	Breakfast and seminar sponsored by Waters	NS 161

9:00 am to 10:30 am	Workshops: Matrix Application I 3A: Manual spray coating 3B: Portrait spotting – matrix & trypsin 3C: Sublimation 3D: TM Sprayer	MRB III 9 th Floor MSRC MSRC Learned Learned
10:30 am to 11:00 am	Break	MRB III 7 th Floor
11:00 am to 12:30 pm	Workshops: Matrix Application II 4A: Manual spray coating 4B: Portrait spotting – matrix & trypsin 4C: Sublimation 4D: TM Sprayer	MRB III 9 th Floor MSRC MSRC Learned Learned
12:30 pm to 2:00 pm	Lunch and seminar sponsored by Bruker	NS 161
2:00 pm to 3:00 pm	Presentation: Data Processing Raf Van de Plas , Delft University of Technology, Netherlands	NS 161
3:00 pm to 4:30 pm	Instrumentation demonstrations 5A: LTQ – drug compound 5B: FT-ICR – lipids 5C: Synapt – lipids 5D: TOF MS – proteins, peptides, lipids	MRB III 9 th Floor MSRC MSRC MSRC Learned
4:30 pm to 6:00 pm	Break	MRB III 7 th Floor
6:00 pm to 6:30 pm	Transportation to Wildhorse Saloon Shuttles depart from Nursing School parking lot at 6:00 pm	Meet at NS
6:30 pm to 10:00 pm	Dinner at Wildhorse Saloon	
Thursday, April 16, 2015		
8:30 am to 9:00 am	Continental Breakfast	NS 161
9:00 am to 10:30 am	Symposium Series I: Focus on Small Molecules Presentation: MALDI Imaging MS: I Can See Clearly Now...But My Drug is Gone Steve Castellino , GlaxoSmithKline, NC Presentation: Quantitative Molecular Imaging of Neurotransmitters in Brain Tissue Sections Per Andren , Uppsala University, Uppsala, Sweden Presentation: Single Cell Level High-Resolution Mass Spectrometry Imaging of Plant Metabolites Young-Jin Lee , Iowa State University Presentation: Biological Applications of Lipid Imaging by MALDI Mass Spectrometry Jeffrey M. Spraggins , Vanderbilt University	NS 161
10:30 am to 12:00 pm	Vendor demonstrations	MRB III 9 th Floor
12:00 pm to 12:30 pm	Lunch	NS 161
12:30 pm to 1:15 pm	Roundtable discussion: Small molecule (drug/metabolite/lipid) imaging	NS 161

1:15 pm to 2:00 pm	Roundtable discussion: Protein/peptide imaging	NS 161
2:00 pm to 3:30 pm	Vendor demonstrations	MRB III 9 th Floor
3:30 pm to 5:00 pm	<p>Symposium Series II: Focus on Biological Applications</p> <p>Presentation: Imaging Mass Spectrometry – A New Method in Pathological Practice? Kristina Schwamborn, Technische Universität München, Germany</p> <p>Presentation: MALDI-MS Tissue Imaging in Infectious Disease Research: Exploring Alternative Fixation Methods for the Inactivation of Pathogens Lisa Cazares, USAMRIID, MD</p> <p>Presentation: Two-Dimensional Mapping of N-Glycans in FFPE Tumor Tissues by MALDI Mass Spectrometry Imaging Richard R. Drake, Medical University of South Carolina</p> <p>Presentation: “Seeing” Protein Modifications in Ocular Tissues by Imaging Mass Spectrometry Kevin L. Schey, Vanderbilt University</p>	NS 161
5:00 pm to 6:00 pm	Closing reception	NS Lobby