

TWO-DAY COURSE, Saturday and Sunday
09 MALDI Imaging Mass Spectrometry: Basic Tools and Techniques

Instructors



Shannon Cornett
Bruker Daltonics



Michelle Reyzer
Vanderbilt University

This course covers the general topic of using mass spectrometry to obtain molecular images from tissue sections, with a focus on MALDI imaging. An overview of different applications and mass analyzers commonly used for small and large molecule imaging will be presented. Discussion of various sample preparation methods, instrument selection and acquisition parameters, data processing tools, and image analysis strategies will be covered in detail. Additional topics such as tissue profiling, *in situ* chemistry, and 3-D imaging will also be discussed. Participants are encouraged to contribute individual applications for discussion.