



2019 Mass Spectrometry Imaging Award

Lille, France, Oct 30th 2019

The 2019 ImaBiotech award for Innovation in Mass Spectrometry Imaging was presented to Dr. Marcel Niehaus during the OURCON VII Conference in Saint Malo, France. The independent jury of key opinion leaders was chaired this year by Dr. Charles Pineau and included Dr. Tiffany Porta and Dr. Theodore Alexandrov.

MALDI-2 imaging development has been awarded the MSI Innovation for 2019!

Dr. Marcel Niehaus has been awarded the MSI innovation prize for his work during a PhD and Post-Doc program led by Prof. Klaus Dreisewerd and Dr Jens Soltwisch on improving Mass Spectrometry Imaging detection of lipids in biological tissue. By combining two techniques, transmission mode MALDI and laser-induced post ionization (MALDI-2), Marcel was able to achieve sub- μm pixel sizes while maintaining high ion abundances to visualize the distribution of several phospholipids in cells and tissues. This postdoctoral work resulted in a Nature Methods publication that was assessed to be outstanding work by the jury.

The ImaBiotech Mass Spectrometry Imaging Award was created in 2014 to promote innovation in the field of Mass Spectrometry Imaging. Previous winners include Benedikt Geier, Bram Heijs, John Cahill, and Shane Ellis. The MSI award recipient is awarded \$5,000 for the best innovative project using Mass Spectrometry Imaging techniques (development and applications with any MS Imaging modality such as SIMS, DESI, LAESI, or MALDI).

ImaBiotech would like to thank all of the participants and the jury for their innovative publications, projects, and the hard work to make Mass Spectrometry Imaging an incredible technique and platform for life sciences and pharmaceutical industry.

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