

Dr Christian Janfelt, University of Copenhagen, Denmark

Preliminary title: Mass spectrometry imaging of drugs, metabolites and natural products



Christian Janfelt obtained his M.Sc. degree in physics and chemistry from University of Southern Denmark. His Ph.D. at University of Copenhagen was focused on development of miniature mass spectrometry and included a research stay in the group of Prof. Graham Cooks at Purdue University, USA. After his graduation, he became assistant professor and later associate professor at Department of Pharmacy, University of Copenhagen, where he initiated research in the DESI-MS ionization technique. He spent 6 months in the group of Prof. Bernhard Spengler, Giessen University, Germany, working with Zoltan Takats on development of instrumentation for DESI-MS imaging. His research now includes DESI and MALDI mass spectrometry imaging and their applications in drug development, medical diagnostics and plant science.