

**Dr Carsten Hopf, Professor of Drug Discovery, Department of Biotechnology  
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*Preliminary title: Pharmacology applications of MALDI MS imaging and intact cell biotyping*



Carsten Hopf, Ph.D., is Professor of Drug Discovery and Head of the Research Center for Applied Biomedical Mass Spectrometry (ABIMAS) at Mannheim University of Applied Sciences, Germany. Since 2011, his team has been developing mass spectrometry imaging and mammalian biotyping applications with industrial partners. His research mainly focuses on pharmaceutical applications of these technology platforms. From 2001 to 2014, Carsten has been involved in proteomics-based drug discovery at Cellzome, now part of GlaxoSmithKline. Most recently, his role in the Cellzome leadership team included responsibility for target deconvolution as member of GSK's global core team for "phenotypic drug discovery". Prior to joining Cellzome, Carsten was an EMBO postdoctoral fellow at Johns Hopkins University School of Medicine, Department of Neuroscience. He holds an M.S. and a Ph.D. in biochemistry from Tübingen University and the Max-Planck-Institute for Developmental Biology, Tübingen.