Metabolomic and proteomic applications with latest NMR- and (ultra) high resolution LC-IMS-MS and MRMS technologies

17.4.2019, Christian - Albrechts - Universität zu Kiel, Institut für Humanernährung und Lebensmittelkunde, - Lebensmitteltechnologie – Seminarraum 14 (EG), Heinrich-Hecht-Platz 10, 24118 Kiel

Learn more about recent workflow advances that allow for a better description of the proteome, metabolome and lipidome with Bruker's latest MS and NMR based omics solutions.

Program:

13:00 - 13:10	**Welcome** Dr. Stephan Kühne, Bruker Daltonik / Dr. Tobias Demetrowitsch, Kiel Network for Analytical Spectroscopy and Mass Spectrometry, University Kiel
13:10 - 13:50	**Overcoming challenges in shotgun proteomics with TIMS and PASEF technology** Dr. Scarlet Koch, Proteomics Business Development Manager, Bruker Daltonik
13.50 – 14:10	**Snacks and Drinks**
14:10 - 14:50	**NMR metabolomics from food quality and authenticity to personalized nutrition** Dr. Manfred Spraul, CTO AIC Division, Bruker Biospin
14:50 - 15:30	**MS Fingerprinting and the other half of the characterization Equation** Dr. Christopher Thompson, Global Business Development Manager MRMS, Bruker Daltonics
15:30 - 16:15	**Novel TIMS and MRMS based solutions for advancing Metabolomics and large cohort Phenomics research** Dr. Florian Zubeil, Application Scientist Bruker Daltonik

We would be pleased to welcome you! Please register here or via mail at spectromics@email.uni-kiel.de