

BCO AND BCK MINISYMPOSIUM

13.11.2015, Tietoteknia Auditorium

Recent highlights of protein and metabolite research

13:00 – 13:05	Welcome, Seppo Ylä-Herttuala
13:05 – 13:20	Non-targeted LC-MS metabolite profiling as discovery tool in biosciences Kati Hanhineva, BCK
13:20 – 13:35	Quantitative serum metabolomics in large-scale epidemiology – A cost-effective base towards systems medicine Mika Ala-Korpela, OY
13:35 – 13:50	Real-time Metabolic Imaging using Hyperpolarised ¹³ C Spectroscopy Mikko Kettunen, BCK
13:50 – 14:05	BCO Protein analysis core facility Ulrich Bergmann, BCO
14:05 – 14:20	In vivo human vitamin D signaling Carsten Carlberg, BCK
14:20 – 14:45	<i>Coffee</i>
14:45 – 15:00	LC-MS metabolite profiling in assessment of early biomarkers of type 2 diabetes risk in the Diabetes Prevention Study Vanessa De Mello Laaksonen, BCK
15:00 – 15:15	UDP-N-Acetyl glucosamine as a key metabolite in cancer cell signaling and microenvironment Sanna Oikari, BCK
15:15 – 15:30	Nanotechnology assisted parenteral peptide/protein drug delivery – Case porous silicon Miia Kovalainen, BCO
15:30 – 15:45	Topoisomerases in mitochondrial DNA maintenance Steffi Goffart, BCK
15:45 – 16:15	<i>Coffee</i>
16:15 – 16:30	Proteomics of Chronic Obstructive Pulmonary Disease (COPD) Steffen Ohlmeier, BCO
16:30 – 16:45	Chemoproteomic and biochemical approaches to characterize α/β -hydrolase domain containing 11 (ABHD11) Dina Navia-Paldanius, BCK
16:45 – 17:00	Chromatin SUMOylation in Heat Stress Einari Niskanen, BCK
17:00 – 17:15	Applications of disulfide bond formation in the cytoplasm Lloyd Ruddock, BCO
17:15 – 17:30	Protein mass spectrometry at ultrahigh resolution - current progress and prospects Janne Jänis, BCK
17:30 – 17:40	Discussion and closing
	BCO Visitors check-in hotel
19:00-	Dinner at Restaurant Rustik