

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 – 13:30	Non-targeted LC-MS metabolite profiling as discovery tool in biosciences Kati Hanhineva, BCK
13:30 – 13:50	The role of omics profiling in large scale epidemiology and systems medicine Johannes Kettunen, BCO
13:50 – 14:10	Real-time Metabolic Imaging using Hyperpolarised ¹³ C Spectroscopy Mikko Kettunen, BCK
14:10 – 14:30	BCO Protein analysis core facility Ulrich Bergmann, BCO
14:30 – 14:50	In vivo human vitamin D signaling Carsten Carlberg, BCK
14:50 – 15:15	<i>Coffee</i>
15:15 – 15:30	LC-MS metabolite profiling in assessment of early biomarkers of type 2 diabetes risk in the Diabetes Prevention Study Vanessa De Mello Laaksonen, BCK
15:30 – 15:45	UDP-N-Acetyl glucosamine as a key metabolite in cancer cell signaling and microenvironment Sanna Oikari, BCK
15:45 – 16:00	Nanotechnology assisted parenteral peptide/protein drug delivery – Case porous silicon Miia Koistinen, BCO
16:00 – 16:15	Topoisomerases in mitochondrial DNA maintenance Steffi Goffart, BCK
16:15 – 16:30	<i>Break</i>
16:30 – 16:45	Proteomics of Chronic Obstructive Pulmonary Disease (COPD) Steffen Ohlmeier, BCO
16:45 – 17:00	Chemoproteomic and biochemical approaches to characterize α/β-hydrolase domain containing 11 (ABHD11) Dina Navia-Paldanius
17:00 – 17:15	Chromatin SUMOylation in Heat Stress Einari Niskanen, BCK
17:15 – 17:30	Applications of disulfide bond formation in the cytoplasm Lloyd Ruddock, BCO
17:30 – 17:40	Discussion and closing
	BCO Visitors check-in hotel
19:00-	Dinner at Restaurant Rustik