NIH: West Coast Metabolomics Center

"Advancements in Metabolomics Software and Technology"

Agilent and WCMC Workshop **May 4TH, 2016** - UC Davis Genome Center - Auditorium 1005
Free workshop, but please register at http://www.agilent.com/chem/ucdavis

	Advancements in metabolomics software and technology
08:45 WCMC	Software is the Critical Piece in Advanced Mass Spectrometry Prof. Oliver Fiehn
09:00 Agilent	Development in Ion Mobility Mass Spectrometry in Support of highly Accurate Collision Cross Section Measurements. Dr. John Fjeldsted - Senior Director – Ion Mobility and Intellectual Property
09:30 WCMC / RIKEN	Untargeted Data Processing in MS-DIAL and MS-FINDER Software. Dr. Hiroshi Tsugawa
10:00 Agilent	Advancements in Qualitative Workflows • Profinder - Multithreaded Feature Finding • Unknown Identification – Molecular Structural Correlation Software • Qualitative Flux Analysis using QTOF Technology. Steve Madden – Software Product Manager
10:30 WCMC	MID Software for Mass Isotope Distribution for Flux Analysis. MS-FLO Software for Feature List Optimization Brian DeFelice, Sajjan Mehta
10:50	*coffee break*
11:10 Agilent	New Profinder Software for GCMS Electron Impact Feature Finding Steve Madden – Software Product Manager
11:25 Agilent	Simplifying the Routine LC/MS Analysis of Central Carbon Metabolites and Other Metabolic Advancements Christine Miller – Omics Market Manager
11:55 Agilent	Advancements in Cellular Energy Metabolism: Seahorse – Measuring Cellular Energy Metabolism in Live Cells - Synergies with Metabolomics and Flux Analyses David Ferrick - Senior Director Marketing Seahorse
12:25	*Buffett lunch*
01:00 UC Davis	Glycan and Glycopeptide Libraries for Rapid Throughput Profiling of Oligosaccharides and Glycopeptides Prof. Carlito Lebrilla
01:30 WCMC	The MassBank of North America Resource with Spectral Hash Keys and Chemical Translation Service. Gert Wohlgemuth, Sajjan Mehta and Diego Pedrosa
2:00 WCMC	iTree for Polyphenols and Natural Products Research Arpana Vaniya and Sajjan Mehta
2:15 Conclusions	