

# Friday Evening, October 15

3:00 PM	Check-in, <i>Asilomar Main Lobby</i>	
6:00-7:00 PM	<b>Asilomar dinner.</b> <i>Crocker Dining Hall. Meal ticket required.</i>	
6:30 PM	Speakers, please connect laptops if using LCD projection, <i>Chapel</i>	
6:30 PM	<b>Posters: Please set up 1-9</b> (see page 5), <i>Chapel</i>	
7:00-10:00 PM	<b>OPENING SESSION.</b> <i>Chapel</i>	
7:00-7:10 PM	<a href="#">Gary Siuzdak</a> , <a href="#">The Scripps Research Institute</a>	Introductory Remarks
7:15-7:55 PM	<a href="#">Donald Chace</a> , <a href="#">Pediatrix</a>	<a href="#">Newborn Screening for Metabolic Disease is one Model for the Practice of Clinical Mass Spectrometry</a>
8:00-8:40 PM	<a href="#">Xianlin Han</a> , <a href="#">Washington University School of Medicines</a>	<a href="#">Shotgun Lipidomics and Application for Biomarker Discovery in Alzheimer's Disease</a>
8:45 PM	<b>POSTER PRESENTATIONS, 5 minutes each</b>	
	<a href="#">S.J. Robinson</a> , <a href="#">Department of Chemistry, University of York</a>	<a href="#">Mass Spectrometric Approaches to Carbohydrate Metabolomics in Wheat</a>
	<a href="#">Thomas O. Metz</a> , <a href="#">Battelle Laboratories</a>	<a href="#">Application of the Accurate Mass and Time (AMT) Tag Approach to Global Metabolomics Studies of Microbial Systems</a>
	<a href="#">Grace Tong</a> , <a href="#">The Scripps Research Institute</a>	<a href="#">Chemical Derivatization and Data Analysis Approaches to Metabolite Profiling</a>
	<a href="#">Brian Frey</a> , <a href="#">Department of Chemistry, University of Wisconsin—Madison</a>	<a href="#">Metabolic Profiling of Pancreatic Islets and a Novel Ionization Method for Mass Spectrometric Analysis of Metabolite Mixtures</a>
9:15-10:00 PM	<b>Poster Viewing and Reception.</b> <i>Chapel</i>	

# Saturday Morning, October 16

7:30-9:00 AM	<b>Asilomar breakfast.</b> <i>Crocker Dining Hall. Meal ticket required.</i>	
8:30-9:00 AM	Speakers, please connect laptops if using LCD projection. <i>Chapel</i>	
9:00-12:00 PM	<b>Endogenous Metabolites and Xenobiotics</b>	
9:00-9:30 AM	<a href="#">John A. Wagner</a> , <a href="#">Department of Clinical Pharmacology, Merck Research Laboratories</a>	<a href="#">Biomarkers in Rational Drug Development</a>
9:30-10:00 AM	<a href="#">John Vogel</a> , <a href="#">Center for Accelerator Mass Spectrometry, University of California/Lawrence Livermore National Laboratory</a>	<a href="#">AMS Quantitation of Metabolism: From Individual Humans to Individual Cells</a>
10:00-10:30 AM	<a href="#">Alan Saghatelian</a> , <a href="#">The Scripps Research Institute</a>	<a href="#">Assigning Endogenous Substrates of Enzymes by Global Metabolite Profiling</a>
10:30-10:45 AM	<b>BREAK</b>	
10:45-11:15 AM	<a href="#">William Griffiths</a> , <a href="#">University of London</a>	<a href="#">Targeted Metabolomics: Novel Cholesterol Metabolites in Brain</a>
11:15-11:45 AM	<a href="#">C. Logan Mackay</a> , <a href="#">National High Magnetic Field Laboratory, Florida State University</a>	<a href="#">Capillary Electrophoresis and Top Down ESI FT-ICR Mass Spectrometry for the Characterization of Renal Disease Biomarkers.</a>
12:00-2:00 PM	<b>Asilomar lunch.</b> <i>Crocker Dining Hall. Meal ticket required.</i>	

# Saturday Afternoon, October 16

1:30-2:00 PM	Speakers, please connect laptops if using LCD projection. <i>Chapel</i>	
<b>2:00-6:00 PM</b>	<b>Metabolite Bioinformatics</b>	
2:00-2:30 PM	<a href="#">Colin Smith</a> , <a href="#">The Scripps Research Institute</a>	<a href="#">METLIN: A Metabolite Profiling Database</a>
2:30-3:00 PM	<a href="#">Robert Mistrik</a> , <a href="#">HighChem, Ltd.</a>	<a href="#">Mapping the Human Metabolome: A software problem?</a>
3:00-3:30 PM	<a href="#">Thomas Hankemeijer</a> , <a href="#">TNO/ Leiden University</a>	<a href="#">Metabolomics: Quo vadis?</a>
<b>3:45-4:00 PM</b>	<b>BREAK</b>	
4:00 PM	<b>POSTER PRESENTATIONS, 5 minutes each</b>	
	<a href="#">Paul E. Minkler</a> , <a href="#">Louis Stokes VA Medical Center</a>	<a href="#">Determination of Carnitine and Acylcarnitines in Biological Matrices by HPLC/ESI/MS</a>
	<a href="#">Emma Edwards</a> , <a href="#">Department of Chemistry, University of York</a>	<a href="#">LC-MS and CE-MS Approaches for the Analysis of Biologically Generated Pharmaceutical Metabolites</a>
	<a href="#">Darren S. Dumlao</a> , <a href="#">Chemistry &amp; Biochemistry Department, UCLA</a>	<a href="#">Methyltransferome to Metabolites: The use of Metabolomics in the Identification of the Major Substrate (3-isopropylmalate) for a known <i>Saccharomyces Cerevisiae</i> Enzyme (Tras-Aconitate Methyltransferase)</a>
	<a href="#">Michael Zhou</a> , <a href="#">Cardinal Health Pharmaceutical/Biopharmaceutical Development</a>	<a href="#">Applications of Automated HTLC-MS/MS in Bioanalytical/Biotech Laboratories</a>
	<a href="#">Zhihong Z. O'Brien</a> , <a href="#">Ligand Pharmaceutical Inc.</a>	<a href="#">Perillyl Alcohol, A Model Substrate for Multiple Phase I and Phase II Metabolic Profiling</a>
	<a href="#">Lekha Sleno</a> , <a href="#">National Research Council</a>	<a href="#">MALDI triple quadrupole MS for Small Molecule Quantitation and Screening in Biological Samples</a>
<b>5:30 PM</b>	Remove posters 1-9. Set posters 10-17. See page 6.	
<b>6:00-7:00 PM</b>	Asilomar dinner. Crocker Dining Hall. Meal ticket required.	
<b>7:00-10:00 PM</b>	Informal Gathering. Surf & Sand Living Room	

# Sunday Morning, October 17

<b>7:30-9:00 AM</b>	Asilomar breakfast. Crocker Dining Hall. Meal ticket required.	
8:30-9:00 AM	Speakers, please connect laptops if using LCD projection. <i>Chapel</i>	
<b>9:00-1200 PM</b>	<b>Separation Technology</b>	
9:00-9:30 AM	<a href="#">Richard D. Smith</a> , <a href="#">Battelle Laboratories</a>	<a href="#">Nanoflow Capillary Liquid Chromatographic-Mass Spectrometry for High Throughput Quantitative Metabolomic Analyses</a>
9:30-10:00 AM	<a href="#">Andrew Baker</a> , <a href="#">Waters Corp.</a>	<a href="#">UPLC-MS for increased throughput, sensitivity and resolution</a>
10:00-10:30 AM	<a href="#">Ben Bolanos</a> , <a href="#">Pfizer</a>	<a href="#">Leveraging SFC/MS to Broaden Plasma Biomarker Metabolite Profiling</a>
10:30-10:45	<b>BREAK - Profiling</b>	
10:45-11:15 AM	<a href="#">Elizabeth Want</a> , <a href="#">The Scripps Research Institute</a>	<a href="#">Metabolite Profiling in Disease</a>
11:15-11:45 AM	<a href="#">David S. Millington</a> , <a href="#">Duke University Medical Center</a>	<a href="#">Applications of Targeted Metabolic Profiling</a>
<b>12:00-1:00 PM</b>	Asilomar lunch. Crocker Dining Hall. Meal ticket required.	

# Sunday Evening, October 17

<b>6:00-7:00 PM</b>		Asilomar dinner. Crocker Dining Hall. Meal ticket required.
<b>7:00-8:30 PM</b>		<b>Global Systems Biology and the Human Superorganism</b>
7:00-7:40 PM	<a href="#">Jeremy Nicholson</a> , <a href="#">Imperial College</a>	<a href="#">Understanding Global Systems Biology and the Human Superorganism: The Greatest Challenge in Analytical Chemistry and 21<sup>st</sup> Century Medicine?</a>
<b>7:45-8:30 PM</b>		<b>POSTER PRESENTATIONS, 5 minutes each</b>
	<a href="#">Charles L. Hoppel</a> , <a href="#">Louis Stokes VA Medical Center</a>	<a href="#">Isolation and Identification of Two Forms of Malonyl-CoA in Commercial Malonyl-CoA</a>
	<a href="#">Helena Idborg</a> , <a href="#">Stockholm University</a>	<a href="#">Methodologies for the Analysis of Complex Samples by LC-MS</a>
	<a href="#">Qingfen Zhang</a> , <a href="#">Chemistry Department, The University of Arizona</a>	<a href="#">Ammonia Metabolism in Mosquitoes Examined by Mass Spectrometry in Multiple-reaction Monitoring Mode</a>
	<a href="#">Ming Gu</a> , <a href="#">Cerno Bioscience</a>	<a href="#">A Novel Approach to Achieve High Mass Accuracy for LC/MS Metabolite Identification</a>
	<a href="#">Arman Yaghoubian</a> , <a href="#">The Pasarow Mass Spectrometry Laboratory, UCLA</a>	<a href="#">Measurement of Urinary Psychosine using ESI-MS<sup>2</sup></a>
<b>8:30-10:00 PM</b>		Informal Gathering. Surf & Sand Living Room

# Monday Morning, October 18

<b>7:30-9:00 AM</b>		Asilomar breakfast. Crocker Dining Hall. Meal ticket required.
8:30-9:00 AM	Speakers, please connect your laptops if using LCD projection. Chapel	
<b>9:00-12:00 PM</b>		<b>Technology Developments</b>
9:00-9:30 AM	<a href="#">Jack Henion</a> , <a href="#">Cornell University/ Advion Biosciences</a>	<a href="#">Chip-Based NanoElectrospray Screening of Biological Samples for Disease Biomarkers</a>
9:30-10:00 AM	<a href="#">James Kapron</a> , <a href="#">Ionalytics Corp.</a>	<a href="#">Targeted Bioanalysis with LC-FAIMS-MS (and MS/MS)</a>
10:00-10:30 AM	<a href="#">Carsten Baessmann</a> , <a href="#">Bruker Daltonik, GmbH</a>	<a href="#">Metabolic Profiling and Characterization of potential Biomarkers in Biological Fluids using LC-MS-NMR</a>
10:30-10:45 AM	<b>BREAK</b>	
10:45-11:15 AM	<a href="#">Joseph Dalluge</a> , <a href="#">Cargill, Inc.</a>	<a href="#">Discovery of Novel Enzymatic Activity Using Stable Isotope Metabolite Labeling and LC/MS</a>
11:15-11:45 AM	<a href="#">Jennifer Granger</a> , <a href="#">Waters Corp.</a>	<a href="#">A Metabonomics Time Course Analysis of Zucker Rat Urine using UPLC-MS(TOF)</a>
<b>12:00-2:00 PM</b>		Asilomar lunch. Crocker Dining Hall. Meal tickets required.

# Monday Afternoon, October 18

1:30-2:00 PM	Speakers, please connect your laptops if using LCD projection. Chapel	
<b>2:00-2:30 PM</b>		<b>Technology</b>
2:00-2:30 PM	<a href="#">Marlin Friesen</a> , <a href="#">International Agency for Research on Cancer, France and National Cancer Institute</a>	<a href="#">Measurement of Metabolite Induced Ser-249 TP53 Mutation by Short Oligonucleotide Mass Analysis (SOMA): A Mass Spectrometric Approach to Mutation Analysis</a>
2:30-3:00 PM	<a href="#">Laszlo Boros</a> , <a href="#">SIBDMAP and Harbor-UCLA Medical Center</a>	<a href="#">Metabolic profiling using stable isotope tracer technology GC/MS</a>
3:00-3:30 PM	<a href="#">Mark O'Neil-Johnson</a> , <a href="#">Sequoia Sciences</a>	<a href="#">Accelerated Structure Elucidation Using FT/MS and CapNMR Spectroscopy</a>

3:30-6:00 PM	<b>POSTER VIEWING</b>
6:30 PM	<b>BANQUET</b> for all registrants and registered guests, <i>Seascape in Crocker Dining Hall, ticket required.</i>

## Tuesday Morning, October 19

7:30-9:00 AM	<b>Asilomar breakfast.</b> <i>Crocker Dining Hall. Meal ticket required.</i>
12:00-1:00 PM	<b>Asilomar lunch.</b> <i>Crocker Dining Hall. Meal ticket required.</i>