

NEWS AND VIEWS

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Announcements

For more information and online registration for any of the small conferences listed below, please visit www.asms.org/conferences.

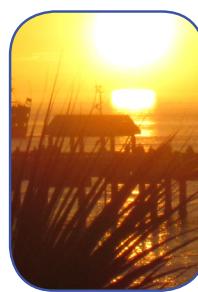
ASMS Sanibel Conference

Characterization of Protein Therapeutics by Mass Spectrometry: Recent Developments and Future Trends

January 21 - 24, 2016
Hilton Clearwater Beach
Clearwater Beach, Florida

Organizers

Guodong Chen, Bristol-Myers Squibb
Justin Sperry, Pfizer



64th ASMS Annual Conference

June 5 - 9, 2016
San Antonio, TX

www.asms.org/conferences/annual-conference/annual-conference-homepage



Mid-December - Abstract submission opens

January 4 - Conference Housing opens

January 4 - Conference & Short Course Registration opens

February 5 - Abstract submission deadline

April 30 - Advance conference and short course registration deadline

The Nuts and Bolts of Organizing the ASMS Annual Conference Program

Are you interested in learning how 3,300+ abstracts are arranged into the annual conference program? To answer some of the questions you may have, including 'How are topics for oral and poster sessions selected?', 'How are Chairs and speakers of oral sessions selected, and how are the oral sessions arranged in the schedule?', 'How are poster abstracts reviewed?', 'What are the primary reasons some abstracts are rejected?', and 'Why are some oral sessions dedicated in honor of members, and how are these selected?', a short FAQ may be found at www.asms.org/conferences/annual-conference/conference-program/nuts-bolts-of-organizing-conference-program.

2014 ASMS Research Award Winner Article 'Highlight'

The ASMS annually presents two Research Awards to academic scientists within four years of joining the tenure track faculty or equivalent in a North American university. The purpose of these awards, fully sponsored by Thermo Scientific and Waters Corporation, is to promote academic research in mass spectrometry by young scientists.

In this month's issue of *JASMS*, we are pleased to highlight a research article by one of the 2014 ASMS Research Award winners, **Dr. Zhibo Yang**, Assistant Professor in the Department of Chemistry and Biochemistry at the University of Oklahoma, and co-authored by Wei Rao, Ning Pan and Xiang Tian from Dr. Yang's laboratory. The article, entitled "High-Resolution Ambient MS Imaging of Negative Ions in Positive Ion Mode: Using Dicationic Reagents with the Single-Probe", was supported by Dr. Yang's ASMS Research Award. This article reports the use of the Single-probe, a miniaturized sampling device utilizing *in situ* surface microextraction for ambient mass spectrometry (MS) analysis, developed in the Yang lab. The development gives high spatial resolution (~17 µm) MS imaging (MSI) of negatively charged species extracted from mouse brain tissue sections, in positive-ion mode after the addition of dicationic compounds to the sampling solvent. The ion intensities for the dicationic adducts are higher in positive-ion mode than those in the negative-ion mode. Importantly, the approach also facilitated the detection of a number of compounds that were not detected in the negative-ion mode.



Dr. Yang obtained his B.S. in Geochemistry (1997) and an M.S. degree in Physical Chemistry (2000) from the University of Science and Technology of China. In 2005, he received his Ph.D. degree in Physical Chemistry under the supervision of Prof. Mary T. Rodgers at Wayne State University. He then conducted postdoctoral research with Dr. Julia Laskin at Pacific Northwest National Laboratory (2005–2008) and Prof. Veronica M. Bierbaum at the University of Colorado, Boulder (2008–2012) prior to starting his independent career at the University of Oklahoma. Dr. Yang's current research is broadly focused on the development and application of novel mass spectrometry

techniques for single cell analysis and tissue imaging. In addition to the ASMS Research Award, this research is supported by funding from the Oklahoma Center for the Advancement of Science and Technology, and the National Institutes of Health. To date, Dr. Yang has published 50 peer-reviewed manuscripts, and the results from his research have been reported in *C&E News*, and *Chemistry World*.

2015 ASMS Fall Workshop

The 2015 ASMS Fall Workshop, organized by Gavin E. Reid (University of Melbourne) and Xianlin Han (Sanford Burnham Medical Research Institute), was held November 5th and 6th, 2015 at the Catamaran Resort and Spa located on the beach of Mission Bay in San Diego, California. The topic of the workshop was 'Lipids and Lipidomics'. A record 150 people representing Australia, Canada, Chile, China, Germany, Greece, Israel, Sweden, the United Kingdom, and the USA attended the workshop, including 27 post-docs and graduate students who received ASMS Travel Stipends. The workshop consisted of tutorial-style interactive presentations from expert lecturers in the areas of mass spectrometry technologies and associated extraction, sample handling, separation, and bioinformatic data analysis strategies employed for lipid analysis, and for determination of their biological functions. A full report describing each of the presentations will appear in a future issue of *JASMS*. In addition to the main program, numerous opportunities were provided for informal discussions and networking between the attendees, including group lunches and coffee breaks, and a happy hour on the beach on the Thursday evening, all of which were facilitated by the beautiful beach side setting and the excellent fall weather typical to San Diego.



Fall workshop lecturers Stephen Blanksby (Queensland University of Technology, Australia) and Gerhard Liebisch (University Hospital Regensburg, Germany) enjoying the warm San Diego weather during one of the coffee breaks.



Workshop participants Stacy Gelhaus (University of Pittsburgh), Rena Robinson (University of Pittsburgh) and Steve Dorow (Cayman Chemical) on the beach at Mission Bay.

Call for ASMS Small Conference and Workshop Proposals

ASMS sponsors the following annual small conferences and workshop.

- Asilomar Conference on Mass Spectrometry

This small conference is limited to 150 participants and takes place annually at the Asilomar Conference Center in Pacific Grove, CA.

www.asms.org/conferences/asilomar-conference

- Fall Workshop

This tutorial workshop explores an emerging technology or application for those seeking to learn the topic or who are new to the field. Attendance is normally 80 - 150 participants depending on the topic. The workshop locations change annually.

www.asms.org/conferences/fall-workshop

- Sanibel Conference

This small conference highlights specific topics of current interest. This is a small conference limited to 150 participants. It is held annually in Florida.

www.asms.org/conferences/sanibel-conference

These three smaller and topically-focused events are governed by committees (www.asms.org/about/asms-leadership/committees) that collaborate to select topics and organizers. The committees look to ASMS members for topic and organizer suggestions for these events. Therefore, if you have a topic suggestion for a future Asilomar or Sanibel conference, or Fall Workshop, please complete the Suggest-a-Topic Form found at www.asms.org/conferences and submit this to the ASMS office at least one month prior to the start of the ASMS annual conference. The committees for each small conference or workshop meet each year during the ASMS annual conference to review and suggest refinements to proposals, which are then submitted to the ASMS Board for approval. The committee chairs are also available to answer any questions regarding proposals prior to their submission. You are encouraged to include any additional documentation with the form that may assist the committees in their evaluations. Information on past conference and workshop topics can be found on the respective small conference and workshop homepages on the ASMS website.



Workshop attendees socializing over ice cream treats.

Related Events

ASMS is pleased to offer announcements for other non-profit organizations. Please email details including website to office@asms.org.

February 4 – 7, 2016

The 21st Annual Lorne Proteomics Symposium

Lorne, Victoria, Australia

www.australasianproteomics.org/lorne-proteomics-symposium-2016/

February 21 – 25, 2016

Mass Spectrometry: Applications to the Clinical Laboratory

Palm Springs, CA

www.msacl.org/

March 13 – 16, 2016

US HUPO Annual Conference

Proteomics: From New Technology to New Biology

Boston, MA

www.ushupo.org/

August 20 - 26, 2016

21st International Mass Spectrometry Conference

Toronto, Canada

www.imsc2016.ca/