

NEWS AND VIEWS



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April 2015

Announcements

63rd ASMS Annual Conference

May 31 - June 4, 2015
St. Louis, MO

<http://www.asms.org/conferences/annual-conference/annual-conference-homepage>

February 6, 2015 - Abstract submission deadline

March 3, 2015 - Abstract withdrawal deadline

April 30, 2015 - Advance conference and short course registration deadline



ASMS Asilomar Conference Native Mass Spectrometry-based Structural Biology

October 16 - 20, 2015
Asilomar Conference Center
Pacific Grove, California

Organizers

Albert Heck, *Utrecht University*
Joseph Loo, *University of California, Los Angeles*



ASMS Fall Workshop Lipids and Lipidomics

November 5 - 6, 2015
Catamaran Resort
San Diego, California

Organizers

Xianlin Han, *Sanford-Burnham Medical Research Institute*
Gavin E. Reid, *University of Melbourne*



Awards

John R. Yates, Ernest W. Hahn Professor in the Department of Chemical Physiology and Molecular and Cellular Neurobiology at The Scripps Research Institute, has received the **2015 American Chemical Society Award in Analytical Chemistry** for his contributions to the development and application of modern proteomics. The award, sponsored by Battelle Memorial Institute, and given annually 'to recognize and encourage outstanding contributions to the science of analytical chemistry, pure or applied, carried out in the United States or Canada', was presented during the 249th ACS National Meeting held in Denver, CO.

Prof. Yates received his B.S. degree in Zoology and an M.S. degree in Chemistry from the University of Maine, Orono, in 1980 and 1983, respectively, followed by doctoral studies in Donald F. Hunt's lab at the University of Virginia. He received his Ph.D. in 1987. He then pursued postdoctoral research in Leroy Hood's lab at California Institute of Technology, prior to joining the faculty at the University



of Washington School of Medicine in 1992 as an Assistant Professor in the Department of Molecular Biotechnology. He was promoted to Associate Professor in 1998 then moved to Scripps in 2000 as an Associate Professor of Cell Biology. The following year he was promoted to full Professor. He is currently an Associate Editor of *Analytical Chemistry*, and a member of the Editorial Advisory Boards of the *Journal of Proteome Research* and *Journal of Biomolecular Techniques*.

Prof. Yates research interests include development of integrated methods for tandem mass spectrometry analysis of protein mixtures, bioinformatics using mass spectrometry data, and biological studies involving proteomics. He is the lead inventor of the SEQUEST software for correlating tandem mass spectrometry data to sequences in the database and developer of the shotgun proteomics technique for the analysis of protein mixtures. His laboratory has developed the use of proteomic techniques to analyze protein complexes, posttranslational modifications, organelles and quantitative analysis of protein expression for the discovery of new biology. Many of the proteomic approaches developed by Yates have become a national and international resource to investigators in the scientific community. To date, this research has resulted in the publication of over 750 scientific articles, with ~60,000 citations. Prof. Yates has received numerous awards and honors including the American Society for Mass Spectrometry Research Award in 1996 and the Biemann Medal in 2004, the Pehr Edman Award in Protein Chemistry in 1998, the Human Proteome Organization Distinguished Achievement Award in Proteomics in 2005, the Herbert Sober Award from the American Society for Biochemistry and Molecular Biology in 2006, the Christian Anfinsen Award from The Protein Society in 2006, and The Ralph N. Adams Award in Bioanalytical Chemistry in 2015. He was ranked by Citation Impact, Science Watch as one of the Top 100 Chemists for the decade, 2000-2010 and was #1 on a List of Most Influential in Analytical Chemistry compiled

by *The Analytical Scientist* 10/30/2013 and is on the List Of Most Highly Influential Biomedical Researchers, 1996-2011, *European J. Clinical Investigation* 2013, 43, 1339-1365.



Hilikka I. Kenttämää, Professor in the Department of Chemistry at Purdue University, has received the American Chemical Society **2015 Frank H. Field and Joe L. Franklin Award for Outstanding Achievement in Mass Spectrometry**. Sponsored by Waters Corporation, the award was given for Prof. Kenttämää's pioneering studies of distonic radical cations, as

well as her groundbreaking research on laser-induced acoustic desorption (LIAD) to enable the examination of reactions of distonic ions with biopolymers. The award, whose purpose is 'to recognize outstanding achievement in the development or application of mass spectrometry' and is given in odd-numbered years for advances in techniques or fundamental processes in mass spectrometry, was presented during the 249th ACS National Meeting in Denver, CO.

Prof. Kenttämää received her B.S. (1977), M.S. (1978) and Ph.D. degrees (1986) in Organic Chemistry at Helsinki University, Finland. Following several years of post-doctoral research under the guidance of Prof. R. Graham Cooks, she accepted an Assistant Professor position at Purdue University in 1989. She was then promoted to Associate Professor in 1994 and to Full Professor in 1999. Prof. Kenttämää's research interests include studies of the fundamental chemical properties of gaseous organic bi- and polyradicals, the development of mass spectrometric methods for the identification of unknown organic compounds in mixtures, such as drug degradation products, crude oil, and degraded biomass, and the design and construction of novel tandem mass spectrometers to facilitate the above studies. She is a member of the Finnish Chemical Society and has served on the Board of Directors of the American Society for Mass Spectrometry. Prof. Kenttämää received an American Society for Mass Spectrometry Research Award in 1991 and was named to the Finnish Academy of Science & Letters in 2004.

Student and Post-Doc Travel Support for ASMS Small Conferences

Generous travel stipends are available to both full-time graduate students and post-docs within two years of their first appointment to attend the ASMS Asilomar Conference, the Fall Workshop and the Sanibel Conference. Twenty stipends are available for each meeting. Each stipend provides up to \$750 for reimbursement of travel and lodging expenses. Stipend recipients also receive complimentary conference or workshop registration.

For more information regarding the application requirements, including submission deadlines, please see <http://www.asms.org/conferences>

ASMS Speaker Program

The ASMS has allocated funds to support an ASMS-sponsored speaker program, with the objectives to (i) support vibrant seminar programs at local MS discussion groups, (ii) increase exposure of students at non-PhD granting institutions to research in mass spectrometry, and (iii) promote exposure and professional development of young MS professionals at the onset of an independent research career.

Any ASMS member at the rank of Assistant Professor (at the time of invitation) is eligible to receive support, with no more than two sponsored trips per calendar year per speaker. Eligible hosts may be (i) any North American MS discussion group or (ii) any North American non-PhD granting college or university, with no single host to propose more than two ASMS-sponsored events in a calendar year.

Additional information regarding the program, including the application process and eligible expenses (travel, meals, lodging and expenses up to \$1500 per event, until the annual budget for the program is exhausted) may be found at: <http://www.asms.org/member-center/discussion-groups>.

Related Events

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

April 12 – 16, 2015

10th North American Fourier Transform Mass Spectrometry Conference

Key West, Florida

<https://nationalmaglab.org/ftms2015>

June 14 – 18, 2015

Annual Workshop on Metabolomics

Birmingham, Alabama

http://www.uab.edu/proteomics/metabolomics/workshop/workshop_june_2015.php

June 28 – July 2, 2015

3rd Mediterranean Sea Region Countries Mass Spectrometry Workshop

Athens, Greece

<http://medmsiii.med.uoa.gr>

July 5 – 11, 2015

9th Mass Spectrometry in Biotechnology & Medicine Summer School

Dubrovnik, Croatia

<http://www.msbm.org/>

Related Events *(continued)***July 19 – 22, 2015**

25th Conference of the Australian and New Zealand Society for Mass Spectrometry held jointly with the 6th Asia Oceania Mass Spectrometry Conference

Brisbane, Australia

<http://www.anzsms25.com>

August 2 – 8, 2015

9th European Summer School - Advanced Proteomics

Brixen/Bressanone, Italy

<http://www.proteomic-basics.eu>

August 17 - 19, 2015

Conference on Small Molecule Science (CoSMoS)

San Diego, CA

<http://www.cosmoscience.org>

September 7 – 9, 2015

4th International Congress on Analytical Proteomics

Caparica (Lisbon), Portugal

<http://www.icap2015.com>

September 8 – 11, 2015

Mass Spectrometry Applications to the Clinical Laboratory 2015 EU

Salzburg, Austria

<https://www.msac1.org/>

September 27 – 30, 2015

HUPO 2015 Annual World Congress

Vancouver, Canada

<http://hupo2015.com/>

September 27 – October 2, 2015

SciX (Conference of FACSS)

Providence, Rhode Island

<https://www.scixconference.org/>

December 2 - 5, 2015

28th Annual Tandem Mass Spectrometry Workshop

Lake Louise, Alberta, Canada

<http://lakelouisemsms.org/>