

NEWS AND VIEWS



Correspondence to: Gavin E. Reid; e-mail: gavin.reid@unimelb.edu.au

March 2019

Announcements

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

67th Annual ASMS Conference on Mass Spectrometry and Allied Topics

June 2 - 6, 2019
Atlanta, Georgia

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



35th Asilomar Conference on Mass Spectrometry

Mass Spectrometry Imaging: New Developments and Applications

October 11 - 15, 2019
Asilomar Conference Center
Pacific Grove, California

<https://www.asms.org/conferences/asilomar-conference>



Organizers

Julia Laskin, *Purdue University*
Lingjun Li, *University of Wisconsin-Madison*
Jeffrey Spraggins, *Vanderbilt University*

JASMS 'Top Ten Downloaded Articles' July 1 – December 31, 2018

We are pleased to feature the top 10 most downloaded articles from the *Journal of the American Society for Mass Spectrometry* for the period July 1 – December 31, 2018. Collectively, these articles have been downloaded 42,159 times. Congratulations to all of the authors whose articles have been featured.

- Comprehensive Proteoform Characterization of Plasma Complement Component C8 α β γ by Hybrid Mass Spectrometry Approaches, Franc, V., Zhu, J., Heck, A.J.R. vol. **29**, issue 6, 1099-1110 (2018)
- Addressing a Common Misconception: Ammonium Acetate as Neutral pH "Buffer" for Native Electrospray Mass Spectrometry, Konermann, L.* vol. **28**, issue 9, 1827-1835 (2017)

- Surface Acoustic Wave Nebulization Produces Ions with Lower Internal Energy than Electrospray Ionization, Huang, Y., Yoon, S.H., Heron, S.R., Masselon, C.D., Edgar, J.S., Tureček, F., Goodlett, D.R. vol. **23**, issue 6, 1062-1070 (2012)
- Optimised Desorption Electrospray Ionisation Mass Spectrometry Imaging (DESI-MSI) for the Analysis of Proteins/Peptides Directly from Tissue Sections on a Travelling Wave Ion Mobility Q-ToF, Towers, M.W., Karancsi, T., Jones, E.A., Pringle, S.D., Claude, E. vol. **29**, issue 12, 2456-2466 (2018)
- Optimization of the Ion Source-Mass Spectrometry Parameters in Non-Steroidal Anti-Inflammatory and Analgesic Pharmaceuticals Analysis by a Design of Experiments Approach, Paíga, P., Silva, L.M., Delerue-Matos, C.** vol. **27**, issue 10, 1703-1714 (2016)
- Native Mass Spectrometry: What is in the Name?, Leney, A.C., Heck, A.J.R.*** vol. **28**, issue 1, 5-13 (2017)
- Liquid Native MALDI Mass Spectrometry for the Detection of Protein-Protein Complexes, Beaufour, M., Ginguéné, D., Le Meur, R., Castaing, B., Cadene, M. vol. **29**, issue 10, 1981-1994 (2018)
- pH Effects on Electrospray Ionization Efficiency, Liigand, J., Laaniste, A., Kruve, A. vol. **28**, issue 3, 461-469 (2017)
- Near-Edge Soft X-ray Absorption Mass Spectrometry of Protonated Melittin, Egorov, D., Bari, S., Boll, R., Dörner, S., Deinert, S., Techert, S., Hoekstra, R., Zamudio-Bayer, V., Lindblad, R., Bülow, C., Timm, M., von Issendorff, B., Lau, J.T., Schlathölter, T. vol. **29**, issue 11, 2138-2151 (2018)
- Chemical Diversity and Complexity of Scotch Whisky as Revealed by High-Resolution Mass Spectrometry, Kew, W., Goodall, I., Clarke, D., Uhrin, D.*** vol. **28**, issue 1, 200-213. (2017)

* Note: This article also appeared in the top 10 downloaded list for the period July 1 – December 31, 2017

** Note: This article also appeared in the top 10 downloaded list for the period January 1 – June 30, 2018

*** Note: This article also appeared in the top 10 downloaded list for the period July 1 – December 31, 2017 and January 1 – June 30, 2018

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-Ph.D. 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-Ph.D. 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>.

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>

Mass Spectrometry Tutorial Videos

As a resource to the community, and to provide information for those interested in learning more about fundamental and applied aspects of mass spectrometry, ASMS is compiling a library of introductory tutorial videos. To date, six videos have been created and posted to the ASMS website (<http://www.asms.org/about/about-mass-spectrometry>). These are:

- ‘**Ionization Methods**’, presented by David C. Muddiman (North Carolina State University)
- ‘**Mass Analyzers**’, presented by Richard Vachet (University of Massachusetts Amherst)

- ‘**Tandem Mass Spectrometry, or MS/MS**’, presented by Scott A. McLuckey (Purdue University).
- ‘**Imaging Mass Spectrometry: An Overview**’, presented by Michelle Reyzer (Vanderbilt University)
- ‘**Nested Ion Mobility-TOF Mass Spectrometry**’, presented by David E. Clemmer (Indiana University)
- ‘**The First Fifty Years of Mass Spectrometry: Building a Foundation**’, presented by Michael L. Gross (Washington University, St. Louis) as a plenary lecture during the 2013 ASMS Annual Conference in Minneapolis.

If you have suggestions for future tutorial video projects, or other Educational content for the website, please contact the Member-at-Large for Education, or a member of the Education committee (<http://www.asms.org/about/asms-leadership/committees/education>)

Related Events

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

July 7 – 13, 2019

13th Mass Spectrometry School in Biotechnology and Medicine (MSBM)
Dubrovnik, Croatia
<http://www.msbm.org/>

July 21 – 25, 2019

Advancing Mass Spectrometry for Biophysics and Structural Biology (AMS)
University of Massachusetts, Amherst, MA
<https://advancingms.org/>

September 15 – 18, 2019

18th Human Proteome Organization World Congress
Adelaide, South Australia, Australia
<https://www.hupo2019.org>

September 22 – 26, 2019

MSACL 2019 EU 6th Annual European Congress
Salzburg, Austria
<https://msacl.org/>

October 13 – 18, 2019

SciX presented by FACSS
Palm Springs, CA
<https://www.scixconference.org/>

December 4 – 7, 2019

32nd Annual Tandem Mass Spectrometry Workshop
Lake Louise, Alberta, Canada
<http://lakelouisemsms.org/>

January 5 – 7, 2020

8th Asia-Oceania Mass Spectrometry Conference
Hong Kong
<http://www.aomsc2020.org/>