

# NEWS AND VIEWS



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March 2018

## Announcements

For more information and online registration for any of the conferences listed below, please visit [www.asms.org/conferences](http://www.asms.org/conferences).

### 66th Annual ASMS Conference on Mass Spectrometry and Allied Topics

June 3 - 7, 2018  
San Diego, CA

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



## 'Faces of Mass Spectrometry' Interview Series

As an initiative of the recently formed ASMS Diversity and Outreach Working Group, the editors are pleased to introduce a new "Faces of Mass Spectrometry" interview series in this month's issue of the journal. The goal of this series is to highlight the diversity of ASMS members, as well as to demonstrate the various paths that one can undertake to achieve a career in mass spectrometry. An animated conversation with Diversity and Outreach Working Group member Dr. Livia Eberlin introduced science writer **Kristin Phillips** to the astounding capability of mass spectrometry and sparked this series of conversations with innovative, creative scientists of ASMS. Phillips, a Science and Health writer at the University of Texas at Austin, lives to discover new worlds both in her own research observing primate social relationships and by interviewing hundreds of climate scientists, archaeologists, paleontologists and nutritionists. The subject of the first interview is **Dr. Erin S. Baker**, Senior Research Scientist in the Environmental Molecular Sciences Laboratory (EMSL) of the Biological Sciences Division at Pacific Northwest National Laboratory (PNNL) in Richland, WA.

## In Memoriam

Dr. Eldon Earl Ferguson, an eminent physicist and atmospheric scientist, died in Paris on April 26, 2017, at the age of 91. He and his research group at the National Bureau of Standards in Boulder, Colorado developed the flowing afterglow technique to study the chemistry and physics of ionized gases. Over a twenty-year period, they measured the rate constants of several hundred ion-molecule reactions, many as a function of temperature and energy; their pioneering studies allowed a com-

prehensive characterization of the ion chemistry of the earth's atmosphere. In an Account and Perspective article published in the *Journal of the American Society for Mass Spectrometry*, Eldon provided a personal history of the early development of the flowing afterglow technique (Ferguson, E.E. *J. Am. Soc. Mass Spectrom.* **3**, 479-486 (1992)). Many scientists throughout the world have used and adapted the instrumentation to explore a wide array of applications including physical organic chemistry, thermochemical measurements, astrochemistry, medical analysis and diagnosis, and trace gas detection. A fuller description of Eldon's remarkable life and outstanding scientific contributions is provided in an obituary in *Physics Today* (<http://physicstoday.scitation.org/doi/10.1063/PT.6.4o.20171128a/full/>).

- Veronica Bierbaum, University of Colorado Boulder.

## JASMS 'Top Ten Downloaded Articles' July 1-2017 - December 31, 2017

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, 2017 – December 31, 2017. Congratulations to all the authors whose articles have been featured.

- Human Islet Amyloid Polypeptide N-Terminus Fragment Self-Assembly: Effect of Conserved Disulfide Bond on Aggregation Propensity. Ilitchev, A.I., Giammona, M.J., Do, T.D., Wong, A.G., Buratto, S.K., Shea, J.E., Raleigh, D.P., Bowers, M.T.  
vol. **27**, issue 6, 1010-1018 (2016)
- Identification of Reduction-Susceptible Disulfide Bonds in Transferrin by Differential Alkylation Using O<sup>16</sup>/O<sup>18</sup> Labeled Iodoacetic Acid. Wang, S., Kaltashov, I.A.  
vol. **26**, issue 5, 800-807 (2015)
- Native Mass Spectrometry: What is in the Name? Leney, A.C., Heck, A.J.R.  
vol. **28**, issue 1, 5-13 (2017)
- 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)

- Optimization of Sample Preparation and Instrumental Parameters for the Rapid Analysis of Drugs of Abuse in Hair samples by MALDI-MS/MS Imaging. Flinders, B., Beasley, E., Verlaan, R.M., Cuypers, E., Francese, S., Bassindale, T., Clench, M.R., Heeren, R.M.A.  
vol. **28**, issue 11, 2462-2468 (2017)
- Addressing a Common Misconception: Ammonium Acetate as Neutral pH “Buffer” for Native Electrospray Mass Spectrometry. Konermann, L.  
vol. **28**, issue 9, 1827-1835 (2017)
- Faster, More Reproducible DESI-MS for Biological Tissue Imaging. Tillner, J., Wu, V., Jones, E.A., Pringle, S.D., Karancsi, T., Dannhorn, A., Veselkov, K., McKenzie, J.S., Takats, Z.  
vol. **28**, issue 10, 2090-2098 (2017)
- Transferring Ions from Solution to the Gas Phase: The Two Basic Principles. Teunissen, S.F., Eberlin, M.N.  
vol. **28**, issue 11, 2255-2261 (2017)
- Top-Down LESA Mass Spectrometry Protein Analysis of Gram-Positive and Gram-Negative Bacteria. Kocurek, K.I., Stones, L., Bunch, J., May, R.C., Cooper, H.J.  
vol. **28**, issue 10, 2066-2077 (2017)
- Electron-Transfer/Higher-Energy Collision Dissociation (ET<sub>h</sub>CD)-Enabled Intact Glycopeptide/Glycoproteome Characterization. Yu, Q., Wang, B., Chen, Z., Urabe, G., Glover, M.S., Shi, X., Guo, L.W., Kent, K.C., Li, L.  
vol. **28**, issue 9, 1751-1764 (2017)

**March 11 - 14, 2018**

**US HUPO 14th Annual Conference: Technology Accelerating Discovery**  
Minneapolis, MN  
[www.ushupo.org](http://www.ushupo.org)

**April 8 - 13, 2018**

**International Conference on Isolated Biomolecules and Biomolecular Interactions (IBBI 2018)**  
Texel, The Netherlands  
[www.ibbi2018.org](http://www.ibbi2018.org)

**June 24 – 28, 2018**

**14<sup>th</sup> Annual Conference of the Metabolomics Society**  
Seattle, WA  
<http://metabolomics2018.org/>

**July 8 – 14, 2018**

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

**August 26 - 31, 2018**

**22<sup>nd</sup> International Mass Spectrometry Conference**  
Florence, Italy  
[www.imsc2018.it](http://www.imsc2018.it)

**October 21 – 26, 2018**

**SciX presented by FACSS**  
Atlanta, GA  
<https://www.scixconference.org/>

## 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>

## Related Events

ASMS is pleased to offer announcements for other non-profit organizations. Please email details including website to [info@asms.org](mailto:info@asms.org).