

NEWS AND VIEWS



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

July 2017

Announcements

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

ASMS Asilomar Conference Impact of Metabolomics in Translational and Clinical Research

September 29 - October 3, 2017

Asilomar Conference Center
Pacific Grove, California

www.asms.org/conferences/asilomar-conference



Organizers

Timothy J. Garrett, *University of Florida and Southeast Center for Integrated Metabolomics*

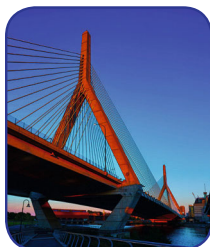
Christopher Petucci, *Sanford Burnham Prebys Medical Discovery Institute*

ASMS Fall Workshop Top-Down Proteomics

November 2 - 3, 2017

Hyatt Regency Boston Harbor
Boston, MA

<http://www.asms.org/conferences/fall-workshop>



Organizers

Ying Ge, *University of Wisconsin-Madison*

Ljiljana Paša-Tolić, *Pacific Northwest National Laboratory*

ASMS Sanibel Conference Computational Modelling in Mass Spectrometry and Ion Mobility: Methods for Ion Structure and Reactivity Determination

January 25 - 28, 2018

Hilton St. Petersburg Bayfront Hotel
St. Petersburg, Florida

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



Organizers

Iain Campuzano, *Amgen*

Frank Sobott, *University of Antwerp*

Michael van Stipdonk, *Duquesne University*

Awards



Dame **Carol V. Robinson**, Dr. Lee's Professor of Physical and Theoretical Chemistry at the University of Oxford, has been elected as a 2017 Foreign Associate of the US National Academy of Sciences (NAS). The NAS induction recognizes leaders in their field for their consistent, exemplary achievements in original research. One of only 21 foreign associates to be honored, alongside 84 American laureates this year,

Prof. Robinson is renowned for her pioneering research into the development and application of mass spectrometry as an analytical tool for studies of protein folding and determining the architecture and dynamics of protein complexes, in the field of structural biology.

Born in Kent in South East England, Prof. Robinson left school at 16 and began her career as a lab technician at Pfizer, where she began working with the then novel technique of mass spectrometry. During that time, she studied part time from 1972-1976 to earn an Ordinary National Certificate and Higher National Certificate in Chemistry from Canterbury College of Technology, Kent, and a degree in Chemistry (1976-1979) from Medway College of Technology, Kent. She then left Pfizer to study for a MSc. degree at the University of Wales (1979-1980, with Prof. J. H. Beynon) and a Ph.D. at the University of Cambridge (1980-1982, with Prof. D. H. Williams), which she completed in just two years. After postdoctoral training from 1982-1983 at the University of Bristol Medical School, she then took a career break from 1983-1991 to begin raising her three children. In 1991, she returned to science as a Postdoctoral Research Fellow in the laboratory of Prof. C. M. Dobson at the University of Oxford, prior to being appointed as a Royal Society University Research Fellow in 1995, and Titular Professor in 1999, the first female Professor of Chemistry at Oxford. In 2001, she returned to the University of Cambridge as the Professor of Mass Spectrometry and the first female professor in the Department of Chemistry at Cambridge. She was a Senior Research Fellow at Churchill College from 2006-2009 and became a Royal Society Research Professor in 2006. She then took up her current position in Oxford in 2009.

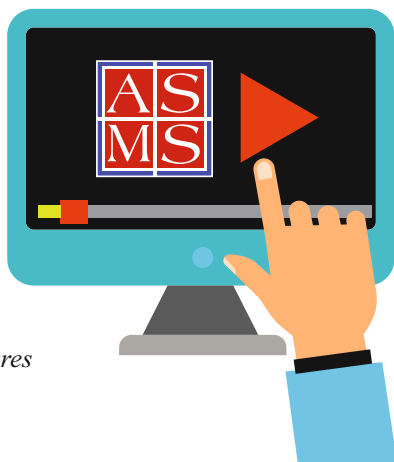
As a career-long advocate for women in the science, technology, engineering and mathematics (STEM) disciplines, Prof. Robinson has supervised more than 35 Ph.D. graduates (25 women) and more than 45 post-doctoral fellows (26 women). She takes an active role in mentoring younger women through the tenure process, encouraging them to stay in science, and is engaged in community outreach activities to support the general public and children to better engage with science. Her research group includes many scientists with children, many of whom have gone on to achieve high profile academic jobs elsewhere. Throughout her career to date, she has published >420 manuscripts, and 4 patents.

In recognition of her career accomplishments, Prof. Robinson has received numerous honors, including the Silver Medal from the Royal Society of Chemistry for Mass Spectrometry (2002), the Biemann Medal from the American Society for Mass Spectrometry (2003), the Rosalind Franklin Award from the Royal Society (2004), the Anfinsen Award from the Protein Society (2008), the Davy Medal from the Royal Society (2010), the Aston Medal from the British Mass Spectrometry Society (2011), the FEBS/EMBO Woman of the Year Award (2011), the Royal Society of Chemistry Interdisciplinary Prize (2011), the HUPO Award for Distinguished Achievement in Proteomic Sciences (2012), the Thomson Medal Award from the International Mass Spectrometry Foundation (2014), and the L'Oreal-UNESCO for Women in Science Award (2015). She was elected a Fellow of the Royal Society in 2004 and was named Dame Commander of the Order of the British Empire in 2013. She served as an Associate Editor of the *J. Am. Soc. Mass Spectrom.* from 2000-2013, and initiated the 'Critical Insights' feature in 2008.

Webcasts from the 65th Annual ASMS Conference

Webcasts of all oral presentations from the 65th ASMS Conference on Mass Spectrometry and Allied Topics held June 4 - 8, 2017 in Indianapolis, IN., can be viewed by conference registrants until September 30. Webcasts are hosted at www.pathlms.com/asms.

ASMS members can also access webcasts of the Tutorial, Plenary, and Award lectures from the 2006-2016 annual conferences by logging into the website, then viewing the links found at <http://www.asms.org/publications/award-plenary-and-tutorial-lectures>



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 (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 2 - 8, 2017

3rd International Mass Spectrometry School (IMSS) / 11th Summer School for Mass Spectrometry in Biotechnology and Medicine (MSBM)

Dubrovnik, Croatia
www.msbm.org

July 13 - 15, 2017

14th Uppsala Conference (UppCon 2017) on Electron Capture/Transfer Dissociation Mass Spectrometry

Cornell University, Ithaca, NY
<http://crb.wisc.edu/yinglab/Uppcon/uppconHome.html>

Related Events (continued)**July 16 – 20, 2017****26th Australian and New Zealand Society for Mass Spectrometry Conference**

Adelaide, Australia

www.anzsms.org**July 17 – 18, 2017****Cascadia Proteomics Symposium**

Seattle, WA

<http://www.cascadiaproteomics.org/>**July 28 – August 1, 2017****Advancing Mass Spectrometry for Biophysics and Structural Biology (AMS)**

Ann Arbor, MI

<http://depts.washington.edu/advms>**September 4 – 7, 2017****38th British Mass Spectrometry Society Annual Meeting**

Manchester, UK

www.bmss.org.uk/meetings.shtml**September 10 – 14, 2017****Mass Spectrometry Applications to the Clinical Laboratory 2017 EU**

Salzburg, Austria

<https://www.msac1.org/>**September 17 – 21, 2017****HUPO 2017 Annual World Congress**

Dublin, Ireland

<http://hupo2017.ie>**October 8 – 13, 2017****SciX presented by FACSS**

Reno, NV

<https://www.scixconference.org/>**November 29 – December 2, 2017****30th Annual Tandem Mass Spectrometry Workshop**

Lake Louise, Alberta, Canada

<http://lakelouisemsms.org/>**December 11 – 13, 2017****Seventh Asia Oceania Mass Spectrometry Conference (AOMSC2017)**

Singapore

<http://www.aomsc2017.org>