



NEWS AND VIEWS

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October 2018

Announcements

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

ASMS Asilomar Conference

Quantitative Analysis of
Rqwt cpur vkpcrñO qf kEc vkpu'
d{ 'O cu'Ur gev qo gvt {

November 2 - 6, 2018

Asilomar Conference Center

RcekLe'I tqxg.'Ecrñkqtplc

<http://www.asms.org/conferences/>

[asilomar-conference/asilomar-conference-homepage](http://www.asms.org/conferences/asilomar-conference/asilomar-conference-homepage)



Organizers

Nicolas L. Young, *Baylor College of Medicine*

Heather Desaire, *University of Kansas*

ASMS Fall Workshop

O gvcdqno leu'kphio cvku

November 29 - 30, 2018

Hilton Financial District

San Francisco, California

<http://www.asms.org/conferences/>

[fall-workshop](http://www.asms.org/conferences/fall-workshop)



Organizers

Erin Baker, *RcekLe'Pqt yj gw'PcvkpcrñNcdqtcvqt {*

I ct { 'Rcwk'Y cuj kpi vqp'Wpkxgt ukf 'c v'UONqwk

ASMS Sanibel Conference

Ej go lecdEt qu'ñpnkpi 'c pf "

Eqxcrgpv'Ncdgnkpi <H qo 'Rt qvglpu'

vq'Egnwct 'P gvy qt nu

January 24 - 27, 2019

Hilton St. Petersburg Bayfront Hotel

St. Petersburg, Florida

<http://www.asms.org/conferences/>

[ucpkdgn'eqplgt ppeg luc pldgn'](http://www.asms.org/conferences/ucpkdgn'eqplgt ppeg luc pldgn')

[conference-homepage](http://www.asms.org/conferences/conference-homepage)



Organizers

Andrea Sinz, *O ct vkp/Nwj gt 'Wpkxgt ukf 'J cmg/Y kvpgdgti*

Richard Vachet, *Wpkxgt ukf 'qh'O cuucej wugwu.'Co j gt w*

Lan Huang, *Wpkxgt ukf 'qh'Ecrñkqt plc.'Kxkpg*

Recognition of Long-Term ASMS Members

Starting in 2013, a series of lapel pins have been given out at the annual conference to recognize long term members of the society, beginning with 25-year members and continuing in 5-year increments. To qualify, membership must be maintained every year without interruption. In 2018, ASMS had over 600 o go dgtu'y j q's wcnkLgf 'hqt' kpu'tgr tguqpvpi 'f gctu'qh'eqpvkpwqwu" membership. We congratulate these members for their service and dedication to the society.

Pin	Number of ei U] YX'a Ya VYfg' (June 2018)
50 Year	24
45 Year	33
40 Year	77
35 Year	89
30 Year	159
25 Year	220

ASMS was incorporated on July 28, 1969 in Pittsburgh, Rgppu{ kpcpc'423: "o ctmu'j g'Etuv'i tqwr "gri kdrq'hqt "72/{ get " o go dgtuj kr pins. There were 56 charter members at the time of incorporation and 46'j cxg'b clpvclpof 'vj ght 'o go dgtuj kr" for 50 years - most remain active and often attend the annual conference. These members are: Michael T. Bowers, Maurice Dwtug{.'Vgf "V0Ej cpi .'Eqptcf 'Eqpg.'TOI tcj co 'Eqqu.'Lqj p'G0' Coutant, Dominic M. Desiderio, Catherine Fenselau, Matthias Frank, Margaret A. Frisch, Jean Futrell, Angela M. Hansen, Jerry Hribar, Milton I. Levenberg, Sanford P. Markey, Kenneth E. McCulloh, Fred W. McLafferty, Burnaby Munson, Robert E0'O wtr j {."Xgtppq'P 0'Tglpj qrf.'I gtj ctf "Uej cf gp."Ugxgp'O 0' Schildcrout, Laszlo Tokes, and Alfred L. Yergey

Congratulations and thank you to these ASMS 50-year members!

Michael Bowers (University of California, Santa Barbara), Dominic Desiderio (University of Tennessee Health Science Center), Angela Hansen (Indiana University), Catherine Fenselau (University of



and Vernon Reinhold (University of New Hampshire) attended the 2018 conference in San Diego.

*Eppvt kdwgf 'dl' 'Lwf kj' 'Uqdgti' *CUOU+*



Three of the 50-year members who received pins at the ASMS business meeting held Wednesday June 6, 2018 (left to right: Vernon Reinhold, Michael Bowers and Catherine Fenselau).

JASMS 'Top Ten Downloaded Articles' January 1 – June 30, 2018

We are pleased to feature the top 10 most downloaded articles from the *Lqwt pcrñqñij g'Co gtkecp'Uqekgñ' lqt 'O cuu'Ur gevqo gñt'}* for the period January 1 – June 30, 2018. Collectively, these articles have been downloaded 9,938 times. Congratulations to all the authors whose articles have been featured.

- Bibliometric Analyses Reveal Patterns of Collaboration between ASMS Members, Palmblad, M., van Eck, N.J. vol. **29**, issue 3, 447-454 (2018)
- Chemical Diversity and Complexity of Scotch Whisky as Revealed by High-Resolution Mass Spectrometry, Kew, W., I qqf cm "R'Éñtng."F0'Wj t'p.'F0 vol. **28**, issue 1, 200-213 (2017)
- Optimization of the Ion Source-Mass Spectrometry Retco gvtu" lþ" Pqp/Ugtqk'cn' Cpñkñ co o cñt'{" cpf" Analgesic Pharmaceuticals Analysis by a Design of Gzr gñkò gpw" Crr tqcej . "Rcñ c." R0" Uñxc." N00 0" F gñtvg/ Matos, C. vol. **27**, issue 10, 1703-1714 (2016)
- On the Reproducibility of Label-Free Quantitative Cross-Linking/Mass Spectrometry, Müller, F., Fischer, L., Chen, Z.A., Auchynnika, T., Rappsilber, J. vol. **29**, issue 2, 405-412 (2018)

- Anatomical-Molecular Distribution of EphrinA1 in Infarcted Mouse Heart Using MALDI Mass Spectrometry Imaging, Lefcoski, S., Kew, K., Reece, S., Torres, M.J., Parks, J., Reece, S., de Castro Brás, L.E., Virag, J.A.I. vol. **29**, issue 3, 527-534 (2018)
- Native Mass Spectrometry: What is in the Name? Leney, CÉ0'J gem'Cñ0F0 vol. **28**, issue 1, 5-13 (2017)
- K gpñk'ecñkqp" qñ' Tgf wñkqp/Uwuegr ñkñg" F kñwñf g" Dqpf u" in Transferrin by Differential Alkylation Using O16/O18 Ncdgñf "Kñf qcegñe'Cekf .Y cpi .U' Mñcñj qñ."K00 vol. **26**, issue 5, 800-807 (2015)
- MALDI Mass Spectral Imaging of Bile Acids Observed as Deprotonated Molecules and Proton-Bound Dimers from Mouse Liver Sections, Rzagalinski, I., Hainz, N., Meier, C., Tschernig, T., Volmer, D.A. vol. **29**, issue 4, 711-722 (2018)
- Cracking the Sugar Code by Mass Spectrometry, O ki qtqf unñ{ c.'G0'Mctñuqp.'Pñ 0'Uñj ñdqo .É0'Nctñuqp.'I 0' Nilsson, C.L. vol. **29**, issue 6, 1065-1074 (2018)
- Analytical Validation of a Portable Mass Spectrometer Featuring Interchangeable, Ambient Ionization Sources for High Throughput Forensic Evidence Screening, Lawton, Z.E., Traub, A., Fatigante, W.L., Mancias, J., O'Leary, C00'J cm "U00'Y kñrñf .L0F0'Qdgtcej gt."J 0'I kñ | k'O É0' Mulligan, C.C. vol. **28**, issue 6, 1048-1059 (2017)

, 'Pqvg<Vj ku'çtñkng'cñuq'çrr gctgf 'kñ'yj g'ñqr '32'f qy pñqcf gf 'ññu' lqt 'ñj g'r gtñkf 'Lwñ'3'6'F gego dgt'53.'4239

Bowers Celebration at UCSB

A symposium was held on the University of California, Santa Barbara (UCSB) campus on June 21-23, 2018 to celebrate the 50th anniversary of Distinguished Professor Michael T. Bowers at the UCSB Department of Chemistry and Biochemistry. This year also marks 50 years of Mike's membership in ASMS, as well as his attendance at his 50th consecutive ASMS Conference.

Mike's research has centered on the determination of the structures, reaction dynamics, and mechanisms of gas phase ions and exotic species. His work utilizes state-



Mike and Marilyn Bowers

of-the-art instrumentation and theory, and has been recognized by many prestigious awards and honors. Much of his current work focuses on studying the protein aggregation processes related to human diseases. Research talks at the symposium were presented in the morning sessions by friends and colleagues of Mike, and posters were presented by Mike's current research group. The afternoons featured a tour of Santa Barbara and wine tasting that included plenty of stories and photos of Mike's career at UCSB. On behalf of all his friends, we congratulate Mike on a long and distinguished career, and wish him continuing success with his current and future research.

*Equipment "d" "Lugrj "Nq" *WENC+ "cpf "Xgtqpkc "Dkgt dcwo " *Wpkxgt uk} "qh" Eqrqt cf q+*

UPPCON 2018 at Leeds, UK

The 15th Uppsala Conference on Electron Capture and Transfer Dissociation Mass Spectrometry (UPPCON) was held in Leeds, United Kingdom on July 16-18, 2018. Conference organizers were Frank Sobott (Univ. Leeds & Univ. Antwerp), Peter

O'Connor (Univ. Warwick), Helen Cooper (Univ. Birmingham), and Vincent Postis (Leeds Beckett Univ.). The conference was supported by the British Mass Spectrometry Society (BMSS) and with additional help from Jackie Mosely (Durham Univ.) on behalf of BMSS.

UPPCON, started in 2003, has developed into a major conference on dissociation techniques (e.g., ExD, UVPD) and top-down MS characterization approaches. The impact of these methods on peptide and protein analysis has been increasingly recognized, and they are now much more routinely utilized than 15 years ago at this inception of this meeting. The conference provides a venue for speakers from around the world to discuss new insights into radical ion chemistry, the latest developments in methodology and instrumentation, as well as novel applications for biomolecule characterization. With approximately 60 attendees in the audience listening to 27 oral presentations and viewing poster presentations, it was a busy, stimulating, and enjoyable two sunny days and late evenings of "active" learning and interacting.

*Equipment "d" "Lugrj "Nq" *WENC+*



Related Events

CUO U'ku'r rncugf "q" qhgt "cppqwpego gpw" hqt "qj gt "pqp/r tqLv" organizations. Please email details including website to info@asms.org.

October 21 – 26, 2018

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Cncpc. 'I C
<https://www.scixconference.org/>

November 11 – 14, 2018

IO UURKI 'Qwt Eqp 'XKE qphgt gpeg
Charleston, SC
<https://www.imagingmssociety.org>
and 'j wr <ly y y Qwt eqp Qti

November 28 – 30, 2018

4th Australian Lipid Meeting
Sydney, Australia
[j wr u <ly y y Qgpvgpct { Qti Qwt guctej kwo 61](http://www.lipidmeeting.org)

November 28 – December 1, 2018

31st Cppwcn Vc pf go 'O cur Ur gevto go gt { 'Y qtmj qr
Lake Louise, Alberta, Canada
[j wr <lrc ngrqwkugo uo uQti 1](http://www.lake Louise conference.com)

January 30 – February 3, 2019

27th Cwmt cilep 'bpf 'Pgy 'l gncpf 'Uqelgv { 'hqt
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Auckland, New Zealand
<http://www.anzsms.org>

February 7 - 10, 2019

24th Cppwcn Nqt pg' Rt qvggo keu U { o r qukw
Lorne, Victoria, Australia
[j wr <ly y y Qwmt cncukprt qvggo keu Qti lrp pg/r tqvggo keu u { o r qukw /423;](http://www.lorneconference.com)

March 31 – April 4, 2019

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Enplecn Ncdqt cvqt {
Palm Spings, CA
<https://www.msac1.org>