



Volume XX
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In This Issue

- President's Message
- Annual Business Meeting and Reception
- 2019 Election Results
- Membership Dues
- Membership News
- In Memoriam
- 2019 Mildred Christian Award Winner
- 2020 Mildred Christian Award Nominations
- ATS LinkedIn
- Annual ATS Fellow Spotlight
- 2019 Annual Business Meeting and Reception Pictures

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Toxicological Sciences**
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ATS CONNECTION

RUTH'S REPORT... (AKA THE PRESIDENT'S MESSAGE)

It was wonderful to see so many of you at our open reception at SOT this year; I hope you enjoyed it as much as I did! I really enjoy catching up with long-term fellows and also meeting potential new ones. Many of the people who came along to the open reception went on to submit applications and are now new fellows so it seems that we have hit on a winning formula! We will shortly be polling you to see if Monday or Tuesday evening works best in 2020 (we have taken Wednesday off the list of options since it was the least popular by a long way in 2019). It was a great honor to present William Slikker, Jr., PhD, ATS with the 2019 Mildred Christian award for his lasting impact on our discipline of toxicological sciences. Dr Slikker joins an outstanding list of previous winners, most recently Linda Birnbaum in 2018 and Jack Dean in 2017. We are looking for new nominations for 2020 so please consider nominating your colleagues using the link (<https://acadtoxsci.org/mildred-christian-award/>) on the website. The deadline for receipt of nominations and secondary letters is 1st Nov 2019.



Over this past year we have continued to consolidate more streamlined ways of working via the committee structure we introduced in 2017 under the leadership of Matt Bogdanffy. Each of the Recruitment, Recognition and Communications committees work with the ATS Board to provide a focus for our activities in these key areas. This has allowed us to develop and deliver our strategy and mission in a more effective and efficient way. Our LinkedIn page is a useful addition – please find us and follow us! (<https://www.linkedin.com/company/the-academy-of-toxicological-sciences>) The Awards Committee works with the board to ensure we have an outstanding slate of candidates not only for our own Milly award but also for other awards and leadership positions. We were recently delighted with the news from IUTOX that our very own Dr. José Manautou, PhD, ATS and Mary Ellen Cosenza, PhD, DABT, RAC, ATS are newly elected to the positions of President-Elect and Treasurer, respectively. In addition, Jose and Ofelia Olivero, PhD, ATS will join the IUTOX Nominating committee. Congratulations Jose, Ofelia and Mary Ellen! Mentioning Mary Ellen also reminds me; the finances of ATS are solid and in good hands with Mary Ellen as our Secretary/Treasurer. Thanks to Mary Ellen for your diligence and attention to detail.

It is also timely to say a big thank you to our Executive Director, Susie Masten, who has been working with us for over a year now. Susie has made a huge difference to our ways of working, especially around ensuring we have clear, actionable and citable policies for our activities. As highlighted by Leigh Ann in her newsletter this time last year, much of this was passed down by word of mouth and as such was a 'little vague'. For example, we now have a clear process for nomination and election to the board and to the other committees we depend upon. Susie also helps to ensure we plan ahead to meet regularly by teleconference – this can be a challenge with members spread from the West Coast of the US to Europe. However, with good

ATS CONNECTION

RUTH'S REPORT ... (AKA THE PRESIDENT'S MESSAGE) CONTINUED

planning and good will we are able to embrace this geographic diversity to the advantage of ATS. Another area that Susie has helped drive forward is ensuring we have accurate and up-to-date records of our Fellows and their status. Many of you will have received 'gentle reminders' if you need to recertify and/or if your dues are not current. We have also ensured that the status of 'Emeritus Fellow' is offered where appropriate since we would like to ensure continued engagement with these senior leaders that might not be as active in the field as they once were. It's great to still have them as Fellows.

Finally, I would like to welcome our 3 newly elected Directors (Nancy Claude, Jeff Yourick, and Donna Dambach), a newly elected Vice-President (Kyle Kolaja) and new members for our Nominating and Awards committees (Elaine Faustman and Nathan Cherrington, respectively). Many congratulations to all of this group of truly outstanding individuals; we look forward to working with you. As I hand over to your new President Miki Ashner, I would like to say how much I am looking forward to seeing how ATS will go from strength to strength in outreach and impact. Thanks to all of you for the opportunity to lead the Academy for the past year; it has been a great honor and privilege and one I have learned a lot from. I look forward to seeing you all at the various conferences over the next year. Enjoy the summer and we will be in touch soon!

Sincerely,



Ruth Roberts, PhD, ERT, FBTS, FRCPath, FSB, ATS
ATS President, 2018-2019

ATS ANNUAL BUSINESS MEETING AND RECEPTION

A poll has been sent out via Survey Monkey to determine what day to have the annual Business Meeting and Reception during SOT in Anaheim next year. The date will be posted on the ATS website when the poll has closed. Please note all responses must be received by August 19, 2019.

ELECTION RESULTS

ATS Fellows cast their ballots for Vice President in early 2019 along with ballots to elect new members to serve on the ATS Board of Directors and Committees. The ballot included an impressive list of candidates who stepped forward to serve the membership. We are pleased to welcome **Kyle Kolaja**, Celgene, as ATS Vice President; **Nancy Claude**, Servier Group; **Donna Dambach**, Genentech; and **Jeffrey Yourick**, US Food and Drug Administration to the ATS Board

of Directors. In addition, we are pleased to welcome **Elaine Faustman** to the Nominating Committee and **Nathan Cherrington** to the Awards Committee. Be sure to visit the ATS website at <https://acadtoxsci.org/board-of-directors/> to read about the incoming Board members. The Board would like to express their gratitude to all candidates that participated in the election process.

MEMBERSHIP DUES INFORMATION

Please note that Annual Membership Dues are due by September 15 of each year. You will receive a notice later in the summer for dues payment, and we ask that you remember to pay your dues promptly. Fellows who have not paid their annual dues as of December 1 will be considered delinquent. If dues remain unpaid for one year (September 15 of the following year), the Fellow will be informed that their Fellowship status has been revoked. The designation of Fellow can no longer be used, including any professional media and correspondence, from that day forward. This includes, but is not limited to, business cards, letterhead, curriculum vitae, etc.

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ATS Board of Directors Terms

2018-20199

Ruth Roberts, President (2017-2020)
Michael Aschner, Vice President (2018-2021)
Mary Ellen Cosenza, Secretary/Treasurer (2017-2020)
Leigh Ann Burns Naas, Past President (2013-2019)
Jon Cook (2016-2019)
Myrtle Davis (2016-2019)
Michael Dourson (2018-2021)
Janis Hulla (2018-2021)
Ofelia Olivero (2018-2021)
Timothy Pastoor (2017-2020)
Carol Sabourin (2017-2020)

A special thanks to our outgoing Past President Leigh Ann Burns Naas for her service and commitment to ATS.

2019-2020

Michael Aschner, President (2018-2021)
Kyle Kolaja, Vice President (2019-2022)
Mary Ellen Cosenza, Secretary/Treasurer (2017-2020)
Ruth Roberts, Past President (2017-2020)
Nancy Claude (2019-2022)
Donna Dambach (2019-2022)
Michael Dourson (2018-2021)
Janis Hulla (2018-2021)
Ofelia Olivero (2018-2021)
Timothy Pastoor (2017-2020)
Carol Sabourin (2017-2020)
Jeffrey Yourick (2019-2022)

MEMBERSHIP NEWS

We are happy to welcome the following new Fellows who became members since July 2018:

Jingyuan Chen	Gertrude-Emilia Costin	Pedro Del Valle	Sandra Eldridge
Nikolay Filipov	Vanessa Fitsanakis	William Irwin	B. Paige Lawrence
Brinda Mahadevan	Prakash Nagarkatti	James MacDonald	Amy Roe
Cody Wilson			

Emeritus status was granted to the following Fellows:

Michael Holsapple	Ronald Hood
Curtis Klaassen	Ross LeClaire
Daniel Acosta	

In addition, the following Fellows successfully completed the recertification process:

Mohamed Abou-Donia	Matthew Bogdanffy	William Brock	David Brusick
James Bus	Robert Casillas	Nathan Cherrington	Harvey Clewell
Jon Cook	Mary Ellen Cosenza	Michael Dorato	Marion Ehrich
Gregory Erexson	Robert Ettlin	Elaine Faustman	Paul Forbes
Bruce Fowler	Bernard Goldstein	Ramesh Gupta	Gordon Hard
Alan Hoberman	Hartmut Jaeschke	William Kelce	John Lipscomb
Richard Miller	Yuseok Moon	Barbara Mounho-Zamora	Moiz Mumtaz
Martin Philbert	Timothy Phillips	Jim Riviere	Mark Robson
Carol Sabourin	Shakil Saghir	Kenneth Still	Christopher Teaf
Joyce Tsuji	Rao Uppu	Peter Valberg	Douglas Wolf
Raymond York	Jeffrey Yourick		

IN MEMORIAM

We are saddened to announce the passing of Daniel Menzel, Robert Snyder and Alfred Wehner.

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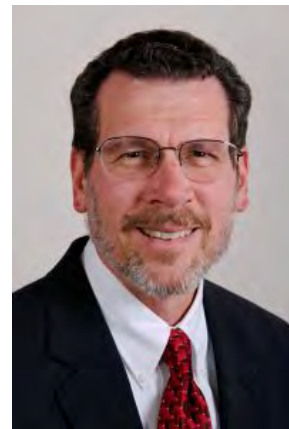
ATS 2019 MILDRED CHRISTIAN AWARD WINNER WILLIAM SLIKKER, JR., PHD, ATS

Dr. William Slikker, Jr., PhD, ATS, received the Mildred S. Christian Career Achievement Award from the Academy of Toxicological Sciences on March 12, 2019. In honor of Dr. Christian, this award recognizes individuals who demonstrate extraordinary scientific achievement and a lasting impact on toxicological sciences through publications, professional activities, and leadership that has enhanced the practice of toxicology.

Dr. Slikker is the Director of the Food and Drug Administration's (FDA) National Center for Toxicological Research (NCTR). Over his 41 years of service to FDA, Dr. Slikker has advanced from postdoctoral fellow to the Director of NCTR. Since his promotion to Deputy Director of Research in 2005 and soon thereafter to Director, NCTR, he has expanded NCTR's mission to provide data for comprehensive and quantitative safety assessments and to improve strategies and approaches for evaluating FDA-regulated products. Under his leadership, the state of science has progressed from primarily observational science to include many modern techniques, including genomic technology, in vitro/stem cell approaches, pharmacokinetic/pharmacodynamic modeling and bio-imaging.

Active support and leadership of scientific societies has long been a focal point for Bill. He has held committee chairmanships or elected offices in several scientific societies and he has a passion for initiating new conferences and societies where there is a scientific need.

Dr. Slikker has been recognized for his scientific achievements in the field of toxicology. By collaborating with scientists from academia, industry and government and by encouraging activities in the areas of prediction and prevention of toxicity and in regulatory sciences, Dr. Slikker has energized human-relevant, translational research and expanded regulatory science to include the principles of nanotechnology, emerging technologies and bioinformatics.



**Left: Dr. Slikker and ATS
President Ruth Roberts**

**Right: Dr. Slikker and his
daughter**



ATS CONNECTION

2020 MILDRED CHRISTIAN AWARD DEADLINE AND NOMINATION CHANGES

ATS established the Mildred S. Christian Career Achievement Award to honor the memory of Dr. Christian, known to many as “Millie.” The ATS award is conferred to an ATS Fellow who has clearly demonstrated a lasting impact on toxicological sciences. The criteria for the award include, but are not limited to, the following:

1. The awardee must be an ATS Fellow in good standing as either a full ATS Fellow or ATS Emeritus. A Fellow that is a current member of the Board of Directors of ATS is not eligible to receive the award.
2. The awardee must have demonstrated extraordinary scientific achievement through publications, professional activities, and/or leadership that have enhanced the practice of toxicology as judged by the Board of Directors.

The ATS Board of Directors is requesting nominations from the ATS Fellows for the 2020 Mildred S. Christian Award. Nominations remain active for two years.

2020 Changes

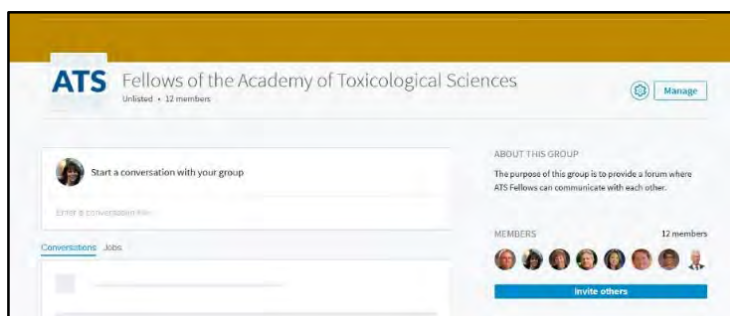
All nominations for the 2020 award must be submitted on the official ATS Mildred Christian Award Nomination form, available on the ATS website. While the candidate’s CV must accompany the nomination form, the nominator must also describe on the form how they believe their candidate meets the criteria for the award. Only one secondary letter per candidate is requested. If more are submitted in addition to the one listed on the nomination form, the Awards Committee will consider these at their discretion. Note that nominations submitted in 2019 do **not** need to be resubmitted using the new form.

If you believe an ATS Fellow meets the criteria for this award, we request that you submit the nomination form along with the nominee’s biographical information (complete CV if possible) to Susie Masten for the Board’s consideration. The deadline for receipt of nominations and secondary letters for the 2020 award is November 1, 2019. For full information about the award, a list of past winners and the nomination form, please visit the ATS website at: <https://acadtoxsci.org/mildred-christian-award>.

Reminder: ATS LinkedIn Page/ Fellows Group

The ATS LinkedIn page is active! It is a public site which provides a forum for showcasing ATS as a premier toxicology credentialing organization. Our ATS LinkedIn site provides a mechanism for the external environment to connect with the expertise of our experienced Fellows. One feature submitted by the Recognition Task Force is developing profiles for “Fellow of the Month” and “ATS Awardees.” The second “Fellow of the Month” featuring Myrtle Davis has just been published. Be sure to follow the ATS LinkedIn page to see it!

In addition to the public LinkedIn page, a private LinkedIn group called “Fellows of the Academy of Toxicological Sciences” has been created as an interactive site for ATS Fellows only. The group is a hidden group. Send an email to Susie at smasten@acadtoxsci.org for instructions on joining the private ATS LinkedIn group.



ATS CONNECTION

ANNUAL ATS FELLOW SPOTLIGHT

ATS Fellows Awards, Accomplishments and Appointments

Barbara Beck	Appointed to US EPA Science Advisory Board	US Environmental Protection Agency
Linda S. Birnbaum	Mildred Christian Award	Academy of Toxicological Sciences
William K. Boyes	2019 Samuel J. Heyman Service Award, Finalist	Partnership for Public Service
Joy Cavagnaro	Arnold J. Lehman Award	Society of Toxicology
Mary Ellen Cosenza	Treasurer	IUTOX
Gertrude-Emilia Costin	The Taylor & Francis Prize for the Outstanding Paper in Dermal Toxicology Published in the Cutaneous & Ocular Toxicology in 2019, co-awardee	Society of Toxicology's Dermal Toxicology Specialty Section
Frederik A. de Wolff	Knight in the Order of Orange-Nassau	Awarded by King Willem-Alexander of The Netherlands
Alok Dhawan	Honorary Fellow President	Biotech Research Society, India, 2018 Society of Toxicology (STOX), India, 2018
Jodi Flaws	Appointed Chair of the Cellular Molecular Integrative Reproduction (CMIR) study section	NIH
Bruce Fowler	Chair, Advocacy Committee Bruce A Fowler Scholarship in Environmental Health Bruce A. Fowler Global Chemical Endowment Fund	Fulbright Association Board of Directors Emory University, Rollins School of Public Society of Toxicology
Li Jie Fu	Board of Directors	IUTOX
Mary Beth Genter	Public Communications Award Bullard-Sherwood Research-to-Practice Knowledge Award, co-awardee	Society of Toxicology NIOSH
Stephen Harris	"Stephen B. Harris Mid-Career Scientist Award" established to recognize an active regular member of the RDTSS for outstanding research & scientific contribution completed since graduate and/or post-doctoral training in Reproductive and Developmental Toxicology	Society of Toxicology's Reproductive and Developmental Toxicology Specialty Section Sponsored by Smithers Avanza/
Hartmut Jaeschke	Translational Impact Award Awarded the title of "University Distinguished Professor"	Society of Toxicology University of Kansas Medical Center
Lawrence, B. Paige	Fellow Endowed Professorship, Wright Family Research Professor	Executive Leadership in Academic Medicine (ELAM) Program University of Rochester School of Medicine & Dentistry, Department of Environmental Medicine

ATS CONNECTION

José Manautou	President-Elect	IUTOX
Lois D. Lehman-McKeeman	Founders Award	Society of Toxicology
Roger O. McClellan	American Thoracic Society Fellow (inaugural class) Herbert M. Parker Invited Lecture	American Thoracic Society Washington State University
Ruth Roberts	Honorary Fellow	British Toxicology Society
Saghir Shakil	International ToxScholar Outreach Grant	Society of Toxicology
Tetsuo Satoh	"Tetsuo Satoh Award" established to be awarded annually to a JSOT member who has made substantial and distinguished scientific contributions to the understanding of toxicology	Japanese Society of Toxicology
Cheryl Lyn Walker	Distinguished Toxicology Scholar Award	Society of Toxicology
Wei Zheng	Seeds of Success Award Landolt Teaching Excellence Award President	Purdue University Purdue University International Society for Trace Element Research in Humans (ISTERH)

ATS Fellow Publications

These publications have shared by ATS Fellows for inclusion in this newsletter.

Gertrude-Emilia Costin	"MITF's hats collection": Commentary on manuscript: "UV-Protection Timer Controls Linkage between Stress and Pigmentation Skin Protection Systems" by Malcov-Brog H. et al. <i>Mol Cell</i> . 2019 Nov 1;72(3):444-456.e7. doi: 10.1016/j.molcel.2018.09.022. Epub 2018 Oct 25. <i>Cosmetic Chemist</i> . 2019 (in press).
Alok Dhawan	<i>Nanobiotechnology: Human Health and the Environment</i> , edited by Professor <u>Alok Dhawan</u> , Dr. Sanjay Singh, Dr. Ashutosh Kumar and Dr. Rishi shanker for the CRC Press, Taylor & Francis Group, New York, USA, ISBN:978-1-4987-2142-4, 2018. <i>Nanotoxicology: Experimental and Computational Perspectives</i> , edited by Professor <u>Alok Dhawan</u> , Professor Diana Anderson and Dr. Rishi Shanker for the Royal Society of Chemistry, London, U.K., ISBN:978-1-78801-259-1, 2018.
Jodi Flaws	Warner, G.R., Li, Z., Houde, M., Atkinson, C., Meling, D.D., Chiang, C., <u>Flaws, J.A.</u> (2019) Ovarian metabolism of an environmentally relevant phthalate mixture. <i>Toxicological Sciences</i> 169:246-259. Madak-Erdogan, Z., Band, S., Zhao, Y.C., Smith, B.P., Kulkoyluoglu-Cotul, E., Casiano, A., Wrobel, K.U., Rossi, G., Smith, R.L., Kim, S., Katzenellenbogen, J.A., Johnson, M.L., Patel, M., Marino, N., Storniolo A., <u>Flaws, J.A.</u> (2019) Free fatty acids rewire cancer metabolism in obesity-associated breast cancer through estrogen receptor and mTOR signaling. <i>Cancer Research</i> 79:2494-2510. Brehm, E., <u>Flaws, J.A.</u> (2019) Transgenerational effects of endocrine disrupting chemicals on male and female reproduction. <i>Endocrinology</i> 160:1421-1435.

ATS CONNECTION

Bruce Fowler	Nordberg GF, <u>Fowler BA</u> . Risk Assessment for Human Metals Exposures-Mode of Action and Kinetic Approaches . Elsevier Publishers, Amsterdam (2018), pp 348.
Ramesh Gupta	<u>Gupta RC</u> (2018) Veterinary Toxicology: Basic and Clinical Principles . 3rd edition. Academic Press/Elsevier, Amsterdam, 1205p. <u>Gupta RC</u> (2019) Biomarkers in Toxicology . 2nd edition. Academic Press/Elsevier, Amsterdam, 1222p <u>Gupta RC</u> , Srivastava A, Lall R (2019) Nutraceuticals in Veterinary Medicine . Springer Nature, Cham, Switzerland, 877p.
Abigail Jacobs	Paul A. Andrews, Diann Blanset, Priscila Lemos Costa, Martin Green, Maia Green, <u>Abigail Jacobs</u> , Rajkumar Kadaba, Jose Lebron, Britta Mattson, Mary Ellen McNerney, Daniel Minck, Luana de Castro Oliveira, Peter Thuenissan, Joseph J. DeGeorge Analysis of exposure margins in developmental toxicity studies for detection of human teratogens <i>Regulatory Toxicology and Pharmacology</i> Volume 105, July 2019, Pages 62-68
Mark S. Johnson	Cumming AS, <u>Johnson MS</u> . 2019. (eds). Energetic Materials and Munitions: Life Cycle Management, Environmental Impact, and Demilitrization . Wiley-VCH.
Howard Maibach	John S Cary, Becky S Li, <u>Howard I Maibach</u> . Dorsal hand skin hyperpigmentation following oral olanzapine (Zyperxa) use. <i>Contact Derm</i> , 79(4) 254-255; Oct 2018 Nafisi S, Samadi N, Houshiar M, <u>Maibach HI</u> . Mesoporous Silica nanoparticles for enhanced lidocaine skin delivery. <i>Int J Pharm</i> . 2018 Oct 25; 550(1-2): 325-332 doi: 10.1016/j.ijpharm.2018.08.004. Epub 2018 Aug 3 DeKoven JG, Warshaw EM, Zug KA, <u>Maibach HI</u> , Belsito DV, Sasseville D, Taylor JS, Fowler JF Jr, Mathias CGT, Marks JG, Pratt MD, Zirwas MJ, DeLeo VA. North American Contact Dermatitis Group Patch Test Results: 2015-2016. <i>Dermatitis</i> . 2018 Nov/Dec; 29(6):297- 309 Christian Surber, Christoph Abels, <u>Howard Maibach</u> , Editors. pH of the Skin: Issues and Challenges . [Current Problems in Dermatology]. Basel Karger, 2018 (DOI:10.1159/000489511) Surber C, Humbert P, Abels C, <u>Maibach H</u> . The Acid Mantle: A Myth or an Essential Part of Skin Health? In: pH of the Skin: Issues and Challenges . Curr Probl Dermatol. C Surber, C Abels, H Maibach, eds. Basel, Karger, 2018, Vol 54, pp 1-10 (DOI:10.1159/000489512) Farage MA, Hood W, Berardesca E, <u>Maibach H</u> . Intrinsic and Extrinsic Factors Affecting Skin Surface pH. In: pH of the Skin: Issues and Challenges . Curr Probl Dermatol. C Surber, C Abels, H Maibach, eds. Basel, Karger, 2018, Vol 54, pp 33-47 (DOI:10.1159/000489515) Ana M. Giménez-Arnau and <u>Howard I. Maibach</u> , Editors. Contact Urticaria Syndrome – Diagnosis and Management . Springer International Publishing AG, Cham, Switzerland, 2018 available in book cabinet as of 12/07/2018 Ethel Tur and <u>Howard I. Maibach</u> , Editors. Gender and Dermatology . Springer International Publishing AG, Cham, Switzerland, 2018 Nina Dragicevic, Danina Krajisnik, Jela Milic, Alfred Fahr and <u>Howard Maibach</u> . Development of hydrophilic gels containing coenzyme Q10-loaded liposomes: characterization, stability and rheology measurements. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45(1): 34-54 https://doi.org/10.1080/03639045.2018.1515220 Alan H. Hall, Laurence Mathieu & <u>Howard I. Maibach</u> . Acute chemical skin injuries in the United States: a review. <i>Critical Reviews in Toxicology</i> , 48:7, 540-554 DOI: 10.1080/10408444.2018

ATS CONNECTION

Howard Maibach	Azusa Kanazawa, Hirokazu Uno, Tokio Nakada, Daniel W. Shaw, <u>Howard I. Maibach</u>. Contact dermatitis to Dermabond Advance®. <i>Australasian Journal of Dermatology</i>. (60)1: 63-64; Feb 2019 http://dx.doi.org/10.1111/ajd.12843 Le Hahn Dung Do and <u>Howard Maibach</u>. Pharmacogenomics/updated for precision medicine in dermatology. <i>Jour of Dermatological Treatment</i>, 30:4, 410-413, DOI: 10.1080/09546634.2018.1527434 Dirk B. Robertson, and <u>Howard I. Maibach</u>. Dermatologic Pharmacology. In: Basic & Clinical Pharmacology, 14th Ed, B.G. Katzung Ed, McGraw-Hill Lange, 2018. Ch 61, pp 1068-1086
Hans Marquardt	<u>Hans Marquardt</u>, Siegfried G Schäfer, Holger Barth (Editors) <i>Toxikologie</i>, Fourth Edition. Wissenschaftliche Verlagsgesellschaft, (2019)
Shakil Saghir	<u>Saghir SA</u> (2018). Pharmacokinetics. In, <i>Reference Module in Biomedical Sciences</i>. Elsevier. doi:10.1016/B978-0-12-801238-3.62154-2. <u>Saghir SA</u> (2018). Absorption. In, <i>Reference Module in Biomedical Sciences</i>. Elsevier. doi:10.1016/B978-0-12-801238-3.62149-9. <u>Saghir SA</u> (2018). Polybrominated Biphenyls (PBBs). In, <i>Reference Module in Biomedical Sciences</i>. Elsevier. doi:10.1016/B978-0-12-801238-3.11152-3. <u>Saghir SA</u>, Dorato MA (2018). Role of absorption, distribution, metabolism, excretion, and systemic dose in toxicology testing. In: McQueen CA, <i>Comprehensive Toxicology</i>, Third Edition. Vol 9, pp 95-118. Oxford: Elsevier Ltd.
Myra Weiner	McKim, J.M., Willoughby, J.A. Sr., Blakemore, W.R., <u>Weiner, M.L.</u> 2018. Clarifying the Confusion Between Degraded Carrageenan, Poligeenan and Carrageenan: A review of the chemistry, nomenclature, and in vivo toxicology by the oral route. <i>Critical Reviews in Food Science and Nutrition</i>, https://doi.org/10.1080/10408398.2018.1481822 <u>Weiner, M.L.</u> and McKim, J.M. 2019. Comment on “Revisiting the carrageenan controversy: do we really understand the digestive fate and safety of carrageenan in our foods?” by S. David, C. S. Levi, L. Fahoum, Y. Ungar, E. G. Meyron-Holtz, A. Shpigelman and U. Lesmes,. <i>Food and Function</i>, 10, 1760-1762. DOI: 10.1039/c8fo01282b and https://pubs.rsc.org/en/content/articlehtml/2019/FO/C8FO01282B <u>Weiner, M.L.</u> 2018 Chapter in "Her STEM Career: Adventures of 51 Remarkable Women," Ed. Diane Profsner, Book 1, p. 187-190
Errol Zeiger	<u>Zeiger E.</u> (2018). Genetic toxicology testing. In <i>Comprehensive Toxicology</i>, Third Edition, vol. 9. Ed. McQueen CA. Oxford: Elsevier. pp. 216-232. Green S, Levy DD, Lorentzen RJ, <u>Zeiger E.</u> (2018). William Gary Flamm (1935-2017). <i>Environ. Mol. Mutagen.</i> 59:100-102. Mattie DR, Sterner TR, Reddy G, Steup DR, <u>Zeiger E</u>, Wagner DJ, Kurtz K, Daughtrey WC, Wong BA, Dodd DE, Edwards JT, Hinz JP. (2018). Toxicity and occupational exposure assessment for Fischer-Tropsch synthetic paraffinic kerosene. <i>J. Toxicol. Environ. Hlth., Part A</i>. 81:774-791. <u>Zeiger E.</u> (2019). The test that changed the world: The Ames Test and the regulation of chemicals. <i>Mutat. Res.</i> 841:43-48. Williams R, DeMarini DD, Stankowski LF Jr, Escobar PA, <u>Zeiger E</u>, Howe J, Elespuru R, Cross KP. (2019). Are all bacterial strains required by OECD mutagenicity Test Guideline TG471 needed? <i>Mutat. Res.</i> in press

ATS CONNECTION

2019 ANNUAL BUSINESS MEETING AND RECEPTION

The 2019 Annual Business Meeting and Reception was a great success! Held at the Hyatt Regency in Baltimore, MD, there was no charge to attend and all attendees were provided with a free drink ticket. Potential Fellows were welcome to attend as well, and several did. The highlight of the evening was the presentation of the 2019 ATS Mildred Christian Achievement Award to William Slikker, Jr.

ATS President Ruth Roberts welcomed new Fellows and gave an update on ATS activities over the past year. Plaques were presented to Jon Cook and Myrtle Davis thanking them for their service on the Board. Kyle Kolaja was thanked for his service in absentia. Incoming President Miki Ashner presented Ruth with the traditional gavel plaque.







