



136th Annual Meeting • August 26–September 1, 2022 • Scottsdale, AZ

2022 AOAC AWARD RECIPIENTS

Analytical Science Leaders and More Honored at 2022 AOAC Annual Meeting

AOAC recognizes hundreds of scientists for their contributions to the Association and the analytical community during the 136th AOAC Annual Meeting in Scottsdale, Arizona, USA, on August 29, 2022. AOAC awards honor scientific excellence across the spectrum of Association activities, including methods development, expert review panels (ERPs), technical service, scientific papers and editorial contributions, and student engagement.

Harvey W. Wiley Award

*Presented to: **Paula N. Brown**, British Columbia Institute of Technology (BCIT), Canada*



AOAC INTERNATIONAL is proud to present the 2022 Harvey W. Wiley Award, the Association's highest honor for lifetime scientific achievement, to Paula N. Brown. She is an internationally recognized natural products chemist who has long excelled in the development and validation of analytical methods, quality standards, regulatory compliance, plant metabolomics, and chemotaxonomy. Brown is the Director of Applied Research for BCIT's Natural Health & Food Products Research Group and has been actively supporting the natural products industry for over two decades through applied research activities, including product development and establishment of quality standards and regulatory compliance. She is also the Canada Research Chair in

Phytoanalytics, conducting investigations into the wide range of chemicals produced by plants; how they are synthesized, regulated, and allocated within plant tissues; their extractability and activity; and their role in plant and human health. She is the author or coauthor of more than eighty-five peer-reviewed publications, book chapters, and monographs on aspects of analytical method development, quality assurance, and the chemical constituents of commercially important botanicals.

Brown began her career more than 20 years ago at BCIT, where she established her research program and led projects on health policy, regulatory affairs, product formulation, botanical authentication, analytical method development and validation, applied chemometrics, bioanalysis, and therapeutic monitoring. She received her Bachelor of Science with Combined Honors in Biochemistry and Chemistry from Dalhousie University, Master of Science in Natural Product

Synthesis from Simon Fraser University, and PhD in Natural Product Chemistry from the University of British Columbia.

An active volunteer, Brown is currently Co-Chair of Health Canada's Scientific Advisory Committee on Health Products Containing Cannabis, Advisor to the American Botanical Council, member of NSF's Joint Committee for Dietary Supplements, which she chaired from 2007 to 2018, an expert advisor to the USP Expert Committee for Botanical Dietary Supplements and Traditional Medicines and the American Herbal Pharmacopeia Advisory Board. She previously served as President of the NHP Research Society of Canada, inaugural member of the U.S. National Institutes for Health's Product Integrity Working Group, policy advisor on the NHP Program Advisory Committee for Health Canada, and Chair of Health Canada's Working Group on Standards of Evidence for the Quality of Natural Health Products.

Brown has chaired or served on 12 AOAC expert review panels (ERPs) and served six years as General Referee of the AOAC Methods Committee for Dietary Supplements. She has also contributed to various AOAC task forces, working groups, and committees for dietary supplements, served on the editorial board of the *Journal of AOAC INTERNATIONAL*, and is *J. AOAC Int.*'s current section editor for dietary supplements and natural products. Brown was named an AOAC Fellow in 2009.

Brown was awarded the Norman R. Farnsworth Excellence in Botanical Research Award from the American Botanical Council in 2021. She also received the 2019 Waters Award for Innovations in Natural Product Research presented by the American Society of Pharmacognosy, 2016 Neil Towers Award presented by the NHP Research Society of Canada, American Herbal Products Association's 2016 Herbal Insight Award, 2011 Richard E. Schultes Research Award from Economic Botany, and the 2013 and 2020 Thieme Award *Planta Medica* Most Innovative Original Paper.

The Harvey W. Wiley Award is presented each year to a scientist or group of scientists who has made an outstanding contribution to analytical methodology in an area of interest to AOAC INTERNATIONAL. The award consists of US\$5,000, an award plaque, and reimbursement of travel expenses incident to attending the AOAC Annual Meeting and Exposition.

William Horwitz Award

Presented to: **Darryl Sullivan**, Eurofins Scientific, USA



AOAC proudly presents Darryl Sullivan with the 2022 William Horwitz Award in recognition of outstanding service and significant contributions to the Association. Sullivan is Chief Scientific Officer at Eurofins Scientific and also serves as a consultant for companies that need help meeting scientific and regulatory requirements. In this role he is often called upon as an expert witness for litigation and dispute resolution. He is considered an international expert in the analysis of infant formula and dietary supplements and represents Eurofins in many areas of the scientific community. Sullivan is a delegate to Codex Alimentarius and actively participates in the Codex Committee on Nutrition and Foods for Special Dietary Uses (CCNFSDU) and the Codex Committee on Methods of Analysis and Sampling (CCMAS).

For over 40 years, Sullivan has worked in testing of infant formula, dietary supplements, and food and is considered to be an expert in the field of validation of analytical methods. He served for three

years as Chair of the AOAC INTERNATIONAL Official Methods Board, is a Past-President and Secretary of the AOAC INTERNATIONAL Board of Directors and chaired the AOAC Stakeholder Program on Infant Formula and Adult Nutritionals and Stakeholder Program on Dietary Supplements. Sullivan is a member of the Institute of Food Technologists Board of Directors. He is a past member of the U.S. Pharmacopeia Expert Committee for Dietary Supplements. Sullivan has developed and validated hundreds of analytical methods in the areas of nutrient and residue testing and is the author of more than seventy-five publications and hundreds of scientific presentations.

The William Horwitz Award honors lifetime accomplishments and dedication to AOAC. It is given to individuals who have shown exemplary efforts to carry out the principles and ensure the accomplishment of goals espoused by AOAC INTERNATIONAL. Recipients of the award receive complimentary lifetime membership in AOAC INTERNATIONAL with all the benefits of membership, a plaque presented at the Annual Meeting, and expenses (in accordance with AOAC INTERNATIONAL travel policy guidelines) incident to attending the Annual Meeting at which the award is presented.

Fellow of AOAC INTERNATIONAL

Presented to: **Elizabeth Mudge**, National Research Council (NRC), Canada



A recipient of a 2022 Fellow award, Elizabeth Mudge is a Research Officer with the Biotxin Metrology team at NRC in Halifax, NS, Canada. Her research includes establishing measurement capabilities and reference material development for marine biotoxins, focusing on emerging reference materials for toxins originating in tropical and subtropical regions. Prior to joining NRC, she was a Research Associate at BCIT in the Natural Health & Food Products Research Group, where she developed and validated methods for dietary supplements and natural products. Mudge has been actively involved in AOAC stakeholder programs, working groups, and expert review panels for the past 10 years and is a current member of the AOAC Official Methods Board and Technical Division on Reference Materials (TDRM) Executive Committee.

She holds a BSc in Food Science from Dalhousie University, a master's degree in Food Science from the University of Alberta, and a PhD in Chemistry from the University of British Columbia.

Presented to: **Aniko Solyom**, GAAS Analytical, Co-Founder and CEO



A recipient of a 2022 Fellow of AOAC award, Aniko Solyom is the Co-Founder and CEO of GAAS Analytical, an independent contract testing laboratory specializing in natural products, dietary supplements, and hemp/cannabis.

She began her volunteer work at AOAC, where she served as a reviewer for the *Journal of AOAC INTERNATIONAL*. Throughout her volunteer service for the past 14 years, she has been actively involved in multiple AOAC stakeholder programs, expert review panels, and working groups (Aloe Vera, Aloin A and B, Anthocyanins, Ashwagandha, Cannabinoids, Cannabinoids in Consumables, Cannabinoids in Chocolate, Chondroitin, Cinnamon,

Curcuminoids, Folin-C, Free Amino Acids, Ginger, Ginseng, Kavalactones, Kratom, Lutein, PDE5, Protein, Resveratrol, SAME, Tea, Turmeric, Yohimbe and Vitamin B₁₂). Solyom served as Chair of the AOAC Stakeholder Program on Dietary Supplements Working Group on Turmeric, Dietary Supplement Community Liaison on the AOAC Technical Programming Council (TPC), member ALACC, and Chair of the Dietary Supplement Subcommittee of ALACC.

She is a recipient of the 2017 AOAC Award in Recognition of Technical and Scientific Excellence (AOAC Working Group on Cannabis Potency) and the 2021 Expert Review Panel of the Year [Cannabis Analytical Science Program (CASP) ERP for Cannabinoids].

Solyom earned her B.S in Organic Chemistry, M.Sc and PhD in Analytical Chemistry from Budapest University of Technology and Economics, Budapest, Hungary, and a postdoctoral in Analytical Chemistry from the Central Research Institute for Physics in Budapest.

Presented to: **Richard B. van Breemen**, Linus Pauling Institute and the Global Hemp Innovation Center at Oregon State University, USA



AOAC is proud to present a 2022 Fellow award to Richard van Breemen, who is a professor at Linus Pauling Institute and the Global Hemp Innovation Center at Oregon State University Pharmaceutical Sciences in the College of Pharmacy. van Breemen moved his laboratory to Oregon State University in 2018 after teaching chemistry at North Carolina State University and medicinal chemistry and pharmacognosy at the University of Illinois in Chicago. He did postdoctoral research in laser desorption mass spectrometry at Johns Hopkins University.

His research concerns the discovery of pharmacologically active natural products using affinity selection-mass spectrometry, discovery and development of natural products that prevent cancer and neurological degenerative diseases, and investigation of the safety and efficacy of botanical dietary supplements.

Van Breemen received the Harvey W. Wiley Award from AOAC INTERNATIONAL in 2008, Varro E. Tyler Prize from American Society of Pharmacognosy in 2017 and is a Fellow of the International

Carotenoid Society. He is a member of the U.S. Pharmacopeia Dietary Supplements Admission, Evaluation, & Labeling Expert Committee. Van Breemen served on editorial boards for the *Journal of AOAC INTERNATIONAL* since 2016 and *Assay and Drug Development Technologies*.

He has published four hundred research papers and book chapters concerning natural products, botanical dietary supplements, and the use of mass spectrometry for drug discovery and development from natural product sources. Van Breemen has mentored over eighty graduate students and postdoctoral fellows.

Van Breemen received his B.A. in Chemistry from Oberlin College in 1980 and PhD in Pharmacology and Experimental Therapeutics from Johns Hopkins University School of Medicine in 1985.

Presented to: **Morgan Wallace**, Rheonix, USA



Morgan Wallace is Scientific Director of Applied Markets at Rheonix, where he is a codeveloper of the Listeria PatternAlert assay which enables rapid identification of recurring *Listeria* in food facilities. Throughout his career, Wallace has worked extensively with industry, validating organizations, and governments developing and supporting rapid methods in food and beverage safety and quality, and methods for pathogen strain typing. Prior to Rheonix, he managed the validations group of DuPont Qualicon and was a PI for the U.S. Department of Agriculture (USDA)-Agricultural Research Service in both pre- and post-harvest areas of food microbiology. Wallace is a former

United States Army Medic.

He earned a BA in Political Science, BS in Microbiology and Cell Science, and PhD in Food Science and Human Nutrition with an emphasis on food microbiology, all from the University of Florida.

The Fellow of AOAC INTERNATIONAL award recognizes the dedication and commitment of volunteers who have served the Association for at least 10 years.

Best Manuscript Award

*Presented to: **Andriy Tkachenko**, U.S. Food and Drug Administration (FDA), USA for “Extensive Evaluation via Blinded Testing of an UHPLS-MS/MS Method for Quantitation of Ten Ergot Alkaloids in Rye and Wheat Grains”*



Andriy Tkachenko joined the Center for Veterinary Medicine at FDA in 2010 as an Oak Ridge Associated Universities (ORAU) fellow, working primarily on setting up analytical instrumentation for the newly established Veterinary Laboratory Investigation and Response Network (Vet-LIRN). He performed chemical analysis of research and investigational samples. From 2016 to 2018, Tkachenko worked as a physical scientist for the Vet-LIRN program office, serving as a project leader of both chemistry and microbiology activities. In 2018, he became a Consumer Safety Officer for the Vet-LIRN program office, where he coordinates communications between Vet-LIRN Collaborative Agreement Program funded laboratories and the Vet-LIRN program office;

provides technical assistance, advice, and guidance in development and validation of chemistry and microbiology methods by CAP laboratories according to FDA Guidelines, International Organization for Standardization (ISO), and AOAC INTERNATIONAL documents; and reviews results and reports on progress of chemistry and microbiology CAP laboratory method validation projects; among other responsibilities.

Tkachenko received his bachelor's degree from National Agricultural University, Ukraine, master's degree from the University of Manchester, United Kingdom, and PhD from the University of Maryland-Eastern Shore.

The Best Manuscript Award recognizes the most outstanding original and creative article published in the peer-reviewed Journal of AOAC INTERNATIONAL in the calendar year.

Section of the Year Award

*Presented to: **AOAC Sub-Saharan Africa Section***



AOAC INTERNATIONAL is pleased to announce the AOAC Sub-Saharan Africa Section as the recipient of the Section of the Year Award. The Section is being recognized for facilitation of multiple activities throughout the year, communication across various platforms, recruitment, and service to the Association.

- The Section's collaboration with the African Organization for Standardization (ARSO) and Land O'Lakes Venture37
- Collaboration Trade of Agriculture Safely in East Africa (TRASE) demonstrates a high degree of credibility to AOAC and supports the established memorandums of understanding among AOAC,

ARSO, and TRASE.

The AOAC Sub-Saharan Africa Section continues to engage with potential new partners to increase membership in the region and promote recognition of AOAC. In addition, involvement of its young

scientists within the organization and program of the Section's annual meeting ensure recognition of AOAC, and succession in the future.

The Section conducted a survey of laboratories in the region, which shows accredited laboratories increased by 23%, and 65% of food testing labs regularly participated in an ISO 17043 accredited proficiency testing scheme.

The Sub-Saharan Africa Section provides an online digital platform fostering sharing and communication between laboratories for regulatory compliance assessment in African countries. These efforts are key parts of the Section's Analytical Method Alignment and Harmonization activity.

The award recognizes the role AOAC Sections play in advancing analytical excellence in the areas of food safety, food integrity, and public health.

Harvey W. Wiley Student Scholarship

Presented to: **Berna Lalin Macin**, Dalhousie University, Canada



AOAC INTERNATIONAL congratulates Berna Lalin Macin, a graduate student from Dalhousie University, as the winner of the 2022 Harvey W. Wiley Student Scholarship.

Her interest in science began at age 10 when she volunteered in a straw and fiber bath factory in Istanbul. Following an experience with a hospital, Macin knew that she wanted to pursue science in the long term. Upon receiving an Entrance Renewable Scholarship by Dalhousie University, she began her undergraduate studies at Dalhousie University. Early in her studies, Macin found a passion for analytical chemistry. During her time at Dalhousie, she did her honors project under the supervision of Dr.

Chisholm. The objective of the project was to investigate mechanical changes of lipid membranes induced by interactions of gold nanoparticles via atomic force microscopy.

Macin was awarded the Knop Prize and E. Walter Todd and John R. Dingle Summer Research Scholarships between 2020 and 2022. She is presently working for Dr. Doucette contributing to optimized front end sample preparation strategies for mass spectrometry-based proteomics. Macin plans to continue her education by pursuing a PhD.

The Harvey W. Wiley Scholarship (US\$1000) is awarded to an upper-level undergraduate or graduate student to encourage and assist studies in the analytical sciences. The Harvey W. Wiley Award winner can nominate a student to receive the scholarship. Scholarship selection is based on criteria established by AOAC.

AOAC INTERNATIONAL/Eurofins Foundation “Testing for Life” Student Award

Presented to: **Sarah Azinheiro**, University of Santiago de Compostela, Spain, and International Iberian Nanotechnology, Portugal



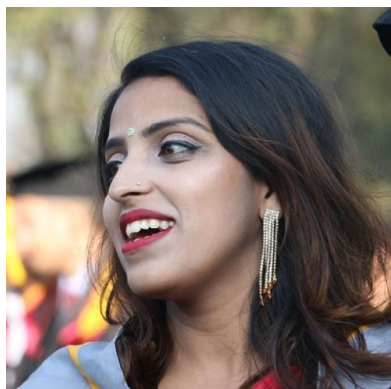
Sarah Azinheiro is a PhD student at the University of Santiago de Compostela with a background in biology and biotechnology. Her research work has been developed at the International Iberian Nanotechnology Laboratory (INL; Portugal) for the past 7 years and focuses on development of innovative and faster detection methods for pathogenic microorganisms and allergens based on DNA and immunological analysis.

Presented to: **Amber Bell**, University of Waikato, New Zealand



Amber Bell is a PhD candidate, majoring in chemistry at the University of Waikato under the supervision of Dr. Megan Grainger. Her master's research, also supervised by Grainger, investigated the cause of low diastase activity in mānuka honey, which spurred her interest for continuing research in the field of apiculture. With her passion for analytical chemistry and research, she started her PhD earlier this year. Bell's PhD research will investigate the effects of anthropogenic metals on the health of the honeybee (*Apis mellifera*) from the molecular level through to individual bees and the entire colony, using a variety of methods, including LA-ICP-MS and transcriptomics. As crucial pollinators to global food crops, it is important the effects of anthropogenic activity on honeybees are understood and potentially mitigated. Upon completion of her degree, Bell aspires to continue analytical research in the field of food science or apiculture.

Presented to: **Bindu Modi**, University of Cincinnati, USA



Bindu Modi is currently a first-year PhD student in the Department of Chemistry, University of Cincinnati. She obtained a master's degree in Chemistry from Tribhuvan University, where she worked on phytochemical and nutritional analysis of traditional medicinal plants of Nepal. Her current research involves developing analytical techniques to detect sub-second release of guanosine in the brain during pathological conditions. She uses rodent models, fast-scan cyclic voltammetry, and microfluidics technology as major tools to characterize guanosine in the brain. Modi enjoys traveling, cooking, and meeting new people.

Presented to: **Arineh Tahmasian**, Edith Cowan University, Australia



Arineh Tahmasian is a PhD candidate at Edith Cowan University in the field of food and agricultural proteomics. Her research focuses on the application of liquid chromatography-mass spectrometry (LC-MS) and computational biology techniques for studying nutritional (bioactive) and antinutritional (allergenic) proteins in lupin seeds, as well as lupin-based food products. The exploration of diverse lupin resources has enabled Tahmasian to identify varieties with optimal nutritional properties for food applications, while informing and accelerating breeding programs for enhancement of the available varieties. She has also contributed to undergraduate teaching activities in her discipline and been involved in several collaborative and industry-led lupin projects. The outcome of Tahmasian's work has been reflected in several international conferences and news platforms.

Presented to: **Ajay S.V.**, CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), India



Ajay S.V. is a DST-INSPIRE PhD Fellow working at the Dioxin Research Laboratory, Environmental Technology Division of CSIR-NIIST under the guidance of Dr. K.P. Prathish, Senior Scientist at CSIR-NIIST. He completed his master's in Environmental Technology with a specialization in Environmental Engineering from Cochin University of Science and Technology (CUSAT) and M.Phil. in Ecological Informatics from Indian Institute for Information Technology and Management in Kerala (IIITM-K). His doctoral work is focused on the assessment of dioxin-like persistent organic pollutants (dl-POPs) emissions from the open burning of municipal solid wastes in India. He has contributed significantly towards development and validation of a cost-effective confirmatory method for the analysis dl-POPs in environmental samples using GC-MS/MS. The method can be a game changer in dl-POPs analysis, especially for developing countries like India, as it could reduce the high capital cost required for HRGC-HRMS-based methods. Further, he was instrumental in estimating the ambient air dl-POPs levels during massive fire accidents at solid waste dump yards and in a

common biomedical waste treatment facility, which has received attention from the highest environmental litigation body of the country, the honorable National Green Tribunal, and the Supreme Court of India. The research also opens up the requirements of chemical characterization of the particulate constituents in ambient air as a measure of environmental safety.

The award, supported by contributions from the Eurofins Foundation, is designed to encourage student researchers who are advancing basic or applied science in analytical or molecular testing for food safety, food security, food defense, food authenticity, or health and environmental protection.

AOAC INTERNATIONAL/Herbalife Nutrition Scholarship

Presented to: **Raviraj Shinde**, Singhania University, Rajasthan, India



Raviraj Chandrakant Shinde is currently working at National Reference Laboratory, ICAR-National Research Centre for Grapes, Pune (Maharashtra, India). His research work is mainly focused on analytical chemistry with special emphasis on analytical method optimization, development, and validation for multi- as well as single-residue analysis of different food contaminants. Shinde is effectively working on pesticides, mycotoxins, veterinary drugs, and food adulterants analysis using various chromatographic and mass spectrometric techniques (Triple Quad, LC-QToF-MS, and Orbitrap). He is working on analytical method development for the residue analysis of highly polar and ionic compounds (glyphosate, glufosinate, and their metabolites in combination with ethephon, fosetyl-Al, and phosphonic acid), as well as a general method for the analysis of multiclass pesticides and polar compounds by a single method. His research studies are published in peer-reviewed journals, including *Journal of Chromatography A*, *Journal of AOAC INTERNATIONAL*, and *Journal of Mycotoxin Research*.

Shinde participates in the various activities of the AOAC India Section on a regular basis. He is a member of AOAC INTERNATIONAL, Southeast Asia Section, and the AOAC Expert Review Panel (ERP) for Natural Toxin Methods. He is also actively involved various other professional associations.

Shinde won the Emerging Scientist Award in the International Scientist Awards on Engineering, Science and Medicine (INSO-2022). Last year, he received the AOAC INTERNATIONAL/Eurofins Foundation "Testing for Life" Student Award.

Presented to: **Rui Huang**, University of Nebraska-Lincoln, USA



Rui Huang is a PhD student in the University of Nebraska-Lincoln's Food Science Program. Huang's research is focused on fruit quality evaluation and value-added processing of aronia berries, aiming to improve sustainability of the aronia berry industry in the United States. In a project to identify key astringent compounds associated with polyphenols in aronia berry juice, multiple analytical testing techniques, including spectrophotometry, HPLC, SDS-PAGE, and LC-ESI-MS/MS, were applied.

Huang's work contributes to the understanding of the extremely astringent mouthfeel of aronia berry at a molecular level, which would be of excellent value for the aronia industry to develop more targeted astringency mitigation approaches without compromising the health-promoting benefits. Related works have been published in *Comprehensive Reviews in Food Science and Food Safety* and *Food Chemistry*.

The student scholarship, supported by contributions from Herbalife Nutrition, is designed to encourage student researchers who are advancing analytical or molecular (DNA) testing.

AOAC INTERNATIONAL/SCIEX Rising Star Scholarship

Presented to: **Manisha Dhanshetty**, Shivaji University, Kolhapur



Manisha Dhanshetty is pursuing her PhD in Microbiology at Shivaji University. She is currently working as a Senior Research Fellow at National Reference Laboratory, ICAR-National Research Centre for Grapes, Pune, under the guidance of Dr. Kaushik Banerjee.

Analytical method development and validation studies are her key areas of expertise. Dhanshetty's research interests are primarily focused on analytical chemistry, with a particular emphasis on optimization, development, and validation of effective methods for the detection of contaminants using HPLC and LC-MS/MS techniques. She has completed several projects on mycotoxin and pesticide residue analysis and has published her findings in highly

cited peer-reviewed journals.

Dhanshetty is a FSSAI (Food Safety and Standards Authority of India) certified food analyst and certified trainer for mycotoxin analysis. She is a major contributor to some of the methods on mycotoxin and pesticide analysis, which have been included in the FSSAI food testing manual for regulatory testing purposes. In addition, she regularly contributes to the activities of the AOAC India Section. As a member of the AOAC expert review panel (ERP), she is also currently contributing to natural toxin methods.

The award, supported by contributions from SCIEX, is designed to encourage the integration of graduate students into AOAC INTERNATIONAL, with a focus on candidates with demonstrable potential to become thought leaders and scientific influencers in their respective fields.

OFFICIAL METHODS BOARD (OMB) AWARDS

Technical Service of the Year Award

Presented to: **Erik Konings**, Nestlé Institute of Food Safety and Analytical Sciences, Nestlé Research, Switzerland



Erik Konings, Program Manager in the Nestlé Institute of Food Safety and Analytical Sciences at Nestlé Research in Lausanne was selected as the recipient of the Technical Service Award for his significant contributions to AOAC at both the international level and within numerous Sections. He initiated AOAC's collaboration with ISO TC34/SC5 for milk products on standards development and their presentation to Codex. This collaborative success was then expanded to become the model for presenting AOAC/ISO/IDF standards to Codex and led to a larger view of working with ISO for approval of common standards. Konings has been actively involved in establishing the Past-President's Council mission, participating in many stakeholder programs, and initiating and supporting many international Sections.

Konings holds an MSc degree in Epidemiology and a PhD in Health Sciences.

Award in Recognition of Technical and Scientific Excellence

Presented to: **AOAC Food Authenticity Methods (FAM) Working Groups**

Working Groups Chairs: **Joe Boison**, EJ Consultancy; **John Szpylka**, FSNS; **Daniele Sohler**, Thermo Fisher Scientific



FAM working groups were selected as recipients of the Award in Recognition of Technical and Scientific Excellence for their development of numerous AOAC *Standard Method Performance Requirements* (SMPRs®) to help address food authenticity and adulteration issues globally. FAM working groups, including those for Nontargeted Testing, Targeted Testing, Molecular Applications, and the Matrices subgroups, have completed 13 SMPRs for authenticity of high-value products, including honey, milk products, and extra virgin olive oil and several upcoming SMPRs for botanicals and spices.

Expert Review Panel (ERP) of the Year

Presented to: **AOAC ERP for Microbiology Methods for Food and Environmental Surfaces**

ERP Chairs: **Michael Brodsky**, Brodsky Consultants, Canada and **Wendy McMahon**, Mérieux NutriSciences, USA



ERP Members: **Maya Achen**, Abbott Nutrition; **Mark Carter**, MC Squared; **Yi Chen**, US FDA; **Peyman Fatemi**, Institute for Environmental Health; **Maria Fernandez**, Independent Consultant; **Thomas Hammack**, US FDA; **Yvonne Salfinger**, Independent Consultant

The AOAC ERP for Microbiology Methods for Food and Environmental Surfaces was selected as ERP of the Year based on its elevated level of activity and review of numerous important methods. The ERP has been highly active since its initiation. Over the past three years, the ERP has met six times. In 2021 alone, the ERP reviewed over ten methods, leading to the adoption of five methods for Final Action status, as well as review of several method modifications.

Method of the Year

Presented to: Screening of 154 Veterinary Drug Residues in Foods of Animal Origin Using LC-MS/MS, First Action 2020.04

Methods Authors: **Nestlé – Aurélien Desmarchelier, Thomas Bessaire, Marie Claude Savoy, Adrienne Tarres, Claudia Mujahid, Andrea Beck, Pascal Mottier, Thierry Delatour***
(corresponding author)

The former AOAC Stakeholder Panel on Strategic Food Analytical Methods (SPSFAM) launched an initiative in September 2017 to select methods to screen for a broad range of veterinary drug residues in a wide range of food matrices that would be applicable for compliance monitoring purposes. In 2018, SPSFAM approved AOAC SMPR 2018.010 for screening and identification of regulated veterinary drug residues in food. The Expert Review Panel on Veterinary Drug Residue Methods approved AOAC **2020.04** for First Action *Official Method*SM status to address the critical need for compliance monitoring globally.

The method encompasses four streams, each dedicated to a group of veterinary drugs, followed by LC-MS/MS analysis. It is applicable to 105 antibiotics, forty-one antiparasitics, five anti-inflammatory agents, and three tranquilizers in dairy-, meat-, fish-, and egg-based foods. Each sample is split into eight portions for processing and two of each through each of the four streams. The single-laboratory validation evaluated 72 test samples resulting in a probability of detection (POD) at the screening target concentration of >94% and PODs in the blank <4% across the broad range of food matrices (*Journal of AOAC INTERNATIONAL* Vol. **104**, No. 3, 2021, pp 650-681).

The AOAC OMB awards recognize significant contributions and meritorious volunteer service to the AOAC analytical sciences community.

AOAC congratulates all the winners of the 2022 AOAC awards!

2022 Member Recognition Awardees

5-Year Member

| | | |
|-----------------------|---------------------------|-------------------------|
| Adams, Jacquelyn | Gerken, Stacy | Neilsen, Larry |
| Aksu, Soner | Grattidge, Emily | Nevarez, Michael |
| Almy, David | Hale, Joe | Nishimoto, Kazunori |
| Al-Taher, Fadwa | Han, Feifei | Oliveira, Mauricio |
| Amin, Abdur | Hashimoto, Hideki | Oshima, Justin |
| Anderson, Steve | Hieda, Naoto | Pena, Maria |
| Azzari, Guido | Hoegaerts, Dirk | Penne, Tim |
| Beasley Green, Ashley | Hu, Jingli | Peterson, Stephanie |
| Behringer, Fred | Hu, Yuewei | Pociask, Jessica |
| Blakemore, Tammy | Hunt, Katie | Price, Matthew |
| Bloomer, Scott | Hunter, Ronald | Puff, Bianca |
| Boyce, Raygan | Hyland, Katherine | Ramay, Naseem |
| Brammeier, Nicholas | Jackson, Todd | Ratanakulwadeewong, |
| Bringas, Alicia | Jacobs, Nicki | Tasanee |
| Brost, Ron | Johnson, Derrell | Rawat, Swati |
| Brunner, Kurt | Johnston, Mark | Riepel, Brent |
| Cabrices, Oscar | Jones, Michael | Rinaldhi, Indra |
| Caldwell, Jane | Jordan, Richard | Rodriguez, Mawill |
| Camber, Patrick | Junge, Kathryn | Rojas, Melina |
| Campbell, Jean | Khoury, Sam | Salazar Ley, Karen |
| Cech, Charles | Kim, Chi | Santiago, Samuel |
| Chapman, Stephanie | Kostzer, Kimberly | Sass, John |
| Cheah, Ying See | Kou, Xiaolan | Schubert, Martin |
| Clifford, Jennifer | Lachance, Helene | Schuhr, Anja |
| Costin, Colin | Ledger, Ezra | Shaw, Bryanne |
| Cowin, Laura | Lee, Mary | Shi, Zhaoxing |
| Craft, Chanin | Li, Siheng | Shizunobu, Igimi |
| Crites, Glenda | Linde, Yaniv | Showler, Candida |
| Crompton, Kurtis | Lippa, Katrice | Somdounsri, Rattana |
| Dahm, Georges | Liu, Kai | Song, Chang Angela |
| D'almeida, Valquiria | Lovre, Ana | Soto, Francisco |
| Dancoe, Andrew | Lu, Zhengfei | Stukenholtz, Matt |
| De Los Santos, Amy | Lynn, Philip | Swaminathan, K R |
| Di Prodi, Katia | M. Balasubramaniam | Swoboda, Christy |
| Dimaano, Christine | Marroquin-Cardona, Alicia | Tan, Jing |
| Dohmeier, Daniel | Mclennan, Hanna | Tittlemier, Sheryl |
| Dombroski, Gaile | Meyer, Shannon | Tran, Son |
| Erickson, Jason | Millan, Angela | Tsatsos, Panagiota |
| Ethan, Talatu | Minocha, Udit | Uchida, Kazuyuki |
| Evans, Katherine | Mittelstaedt, Denice | Umalia, Flordelina |
| Feister, Gregory | Monaci, Linda | Van Gool, Martine |
| Flowers, Sally | Morando, Laura | Verdult-Dekkers, Carien |
| Fraser, Owen | Morgan, David | Wetterberg, Craig |
| Frye, Bobette | Murn, Megan | Whittington, Wade |
| Gadola, Mary | Nair, Sonya | You, Hong |
| Gerds, Monica | Ndlovu, Michael | Zitnik, Amanda |

10-Year Member

Anderson, Richard
Andrews, Matthew
Audino, Susan
Bevis, Simon
Borton, Christopher
Bridges, Anne
Aubert, Andreas
Cabana, Richard
Carr, Robert
Cartwright, Ian
Ceja, Rosario
Charles, Hayes
Collins, Jonathan
Cser, Timothy
Dai, Yuan
Dain, David
De Sauger, Sarah
De Vreeze, Marcel
Desai, Bhadresh
Dreyling, Erin
Elliott, Barbara
Fahlman, Brian
Feliciano, Jeff
Gerendas, Zsolt

Gerten, Barbara
Gonzalez, Pascal
Grigorian, Edgar
Joseph, George
Kennedy, Lee
Khrobson, Jutatip
Knight, Marie
Kostis, Alex
Lacorn, Markus
Lathrop, Lynda
Lindhardt, Charlotte
Marley, Elaine
Mendoza, Dulcinea
Mercury, Wei
Mudge, Elizabeth
Natrajan, Nandini
Niehaus, Gary
Ossmer, Rolf
Perez, Hector
Perez, Liliana
Phillips, Shay
Pierre, Sophie
Prina, Giorgio
Richardson, Avis

Rickerd, Kerry
Samara, Sondos
Schmidt, Charles
Schoenenbruecher, Holger
Scifres, Jenny
Smith, Christopher
Sparks, Darrell
Stanley, Kathryn
Stead, Sara
Steinlicht, Brian
Stern, Nathan
Teeter, Brian
Thomsen, Henrik
Tourniaire, Jean-Philippe
Tuninskaya, Galina
Ubalde, Martha
Wargo, Wayne
Williams, Rachel
Wong, Warren
Yan, Xun
Yang, Charles
Zombro, Brenda

25-Year Member

Anderson, Mark
Bhandari, Sneha
Cantrill, Richard
Collison, Mark
Da Costa, Luis
Diaz, Gonzalo

Hammond, David
Kababick, James
Konings, Erik
Krynitsky, Alexander
Morita, Hiroshi
Stevenson, Douglas

Sudberg, Sidney
Sullivan, James
Vassilopoulos, Theodoros
Yoshida, Eiji
Zunino, Laura

30-Year Member

Beck, Alfred
Black, James
Craft, Neal
Deibel, Charles
Eriksson, Sune
Indyk, Harvey

King, Jerry
Kubis, Kathryn
Maragos, Chris
Marsh, Douglas
Martin, Jack
Mercado-Porticos, Ludivina

O'Neal, Donald
Sattar, Syed
Scaife, Ann
Tang, Andrew
Zink, Donna
Zywicki, Richard

35-Year Member

Oliveras, Jerry
Robakowski, Edward
Williams, Sara

40-Year Member

Gleiber, Wayne
Mawhinney, Thomas

45-Year Member

Chin, Henry
Lancette, Gayle