

USP and FCC at AOAC 2019

Events with USP, FCC, and expert committee members

Friday, September 6, 2019

1:50 pm - 2:15 pm

Kenny Xie, *Food Chemicals Codex*

Milk Authenticity and Fraud: History, Challenges, and Actions

Monday, September 9, 2019

1:00 pm – 1:30 pm

Harvey W. Wiley Award Address

Joseph M. Betz, Ph.D., Acting Director, Office of Dietary Supplements, U.S. National Institutes of Health

Nature Exposed to Our Method of Questioning Reliability of Measurements Made on Natural Products

1:30 pm – 3:00 pm

Wiley Award Symposium: Advances in Analytical Methods for Botanical Dietary Supplements and for Clinical Nutritional Assessment

Paula Brown, British Columbia Institute of Technology *The Importance of Methods Selection and Validation for Ensuring the Safety & Quality of Botanical Dietary Supplements*

3:30 pm – 5:00 pm

Application of DNA Technologies and Standards in the Authentication of Botanicals for Quality Control of Botanical Dietary Supplements

Co-Chair: **Nandakumara Sarma**, U.S. Pharmacopeia (USP)
Ning Zhang, U.S. Pharmacopeia (USP)

Developing Species-Specific DNA Testing Methods to Identify Botanicals

Tuesday, September 10, 2019

8:15 am – 9:45 am

Non-Targeted Testing for Food Authenticity: Ideas, Challenges, Requirements

Co-Chair: **Dana Krueger**, Krueger Food Laboratories, Inc.
Kenny Xie, *Food Chemicals Codex*

Use of Standard Methods and Materials in Developing Non-Targeted Methods

10:15 am – 11:45 am

Food Fraud Detection Goes Mobile

Chair: **Bert Popping**, FOCOS (Food Consulting Strategically)
Putting Disruptive Technologies into Context: How Miniaturization Will Change the way Food Industry Will Deal with Food Fraud and Quality Control

2:00 pm – 3:00 pm

Understanding and Combating Spice Fraud

Steve Gendel, *Food Chemicals Codex*
Kenny Xie, *Food Chemicals Codex*

3:00 pm – 4:30 pm

New Tools for Food Fraud, an Old Problem with Perpetually New Intricacy

Co-Chair: **James Harnly**, U.S. Department of Agriculture *New Guidelines for Validation of Botanical Identification Methods*

Wednesday, September 11, 2019

8:15 am – 9:45 am

TDRM Symposium: The Importance of Public Private Partnerships in the Development of Reference Materials

Holly Johnson, American Herbal Products Association
Botanical Reference Materials for Quality Assurance and Regulatory Compliance in Dietary Supplements

8:15 am – 9:45 am

Community Perspective on Food Allergen Measurement

Sneh Bhandari, Merieux NutriSciences
Food Manufacturers Perspective of the Measurement of Protein Allergens in Food

10:15 am – 11:45 am

NMR Advancement in Quality Control and Compendial Applications

Co-Chair: **Gabriel Giancaspro**, U.S. Pharmacopeia (USP)
Gabriel Giancaspro, U.S. Pharmacopeia (USP)
NMR Advancements – Compendia Applications

TDRM Symposium: Reference Material Needs for Food Safety

Holly Johnson, American Herbal Products Association
Authenticity, Fraud, Adulteration

1:00 pm – 2:30 pm

Improving the Measurement of Nutritional and Botanical Compounds: Strategies and Insights from NIST Quality Assurance Programs

Holly Johnson, American Herbal Products Association
Leveraging Quality Assurance Programs to Assess the Analytical Community 'State-of-the-Science'

Poster session

Monday, September 9, 2019

Revision of the USP cranberry liquid preparation monograph

Maria Monagas^a; **Joshua Bhattacharya^a**; **Jennifer Fedorowski^a**; **Débora Frommenwiler^b**; **Eike Reich^b**; **Gabriel Giancaspro^a**

^aUnited States Pharmacopeial Convention (USP). 12601 Twinbrook Parkway, Rockville, MD 20852.

^bCAMAG. Sonnenmattstrasse 11, 4132 Muttenz. Switzerland.

Anthraquinones and glycosylated dianthrone characterization by LC-UV-ESI-QToF and quantification by LC-UV in Sennosides

Amanda Guiraldelli, **Rafael Maranhão**, **Nam-Cheol Kim**, **Maria Monagas** and **Gabriel Giancaspro**

United States Pharmacopeial Convention (USP). 12601 Twinbrook Parkway, Rockville, MD 20852.