



Adulteration and Fraud of Botanical and Natural Health Ingredients: Issues, Challenges and Prevention Tools for the Industry

Marriot Hotel, Frankfurt, Germany – November 29-30, 2018

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Workshop Overview

Adulteration and fraud of natural ingredients added to foods are global concerns for stakeholders, for industry, for risk assessors and risk managers, and for EU consumers. What is the EU industry doing about it? What are the plans of regulators? What lessons can be learnt and tools used from leading experts? How can adulteration and fraud be prevented? And what happens when it is discovered?

Workshop Objectives

Obtain insights into the problem and what is being done globally to prevent adulteration; Hear the views and plans of regulators and risk assessors; Identify tools and practices for prevention; Learn through case studies about health risks, and impacts of natural ingredient fraud; Participate to panel discussion with experts; Work with experts on real case-studies in the practice lab

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SPEAKERS

Mr. Mark Blumenthal, *Founder and Executive Director of the American Botanical Council (ABC) and ABC-AHP-NCNPR Botanical Adulterants Prevention Program (BAPP), U.S.A.*

Prof. Dr. Anna Rita Bilia, *President, International Society for Medicinal Plant and Natural Product Research (GA)*

Dr. Luca Bucchini, *Managing Director, Hylobates Consulting, Italy*

Mr. Patrick Coppens, *Director Regulatory and Scientific Affairs, Food Supplements Europe, Belgium*

Mr. Julien Diaz, *Quality Control Manager, BotaniCert, France*

Dr. Stefan Gafner, *Chief Science Officer of American Botanical Council, U.S.A.*

Mr. Joris Geelen, *Partner, Food Compliance International, Belgium*

Ms. Heather Granato, *Vice President, Content, Health & Nutrition Network, Informa Exhibitions, U.S.A.*

Mr. Michel Horn, *Chairman, European Federation of Associations of Health Product Manufacturers, Belgium*

Mr. Len Monheit, *Managing Partner, Trust Transparency Center (TTC), U.S.A.*

Ms. Anna Mulà, *Head of Quality Unit & Qualified Person, Euromed, Spain*

Prof. Dr. Johannes Novak, *Institute for Animal Nutrition and Functional Plant Compounds, University of Veterinary Medicine Vienna, Austria*

Mr. David Trosin, *Global Director of Business Development - Health Sciences at NSF International, U.S.A.*

Mr. Bauke van der Veen, *President, EUROPAM - European Herbs Growers Association, the Netherlands*

Dr. René De Vaumas, *President & CSO - Extrasynthese, France*

Mr. Agustín Villar, *R&D Director, Euromed, Spain*

Day 1: Thursday, November 29, 2018

8:50 **Welcome - Opening remarks - Mr. Andrea Zangara, EUROMED, Spain****The Nature and Magnitude of the Adulteration Problem**

- 9:00 **Efforts to Prevent Adulteration and Fraud in Botanical Materials in the Global Market: An Update on the ABC-AHP-NCNPR Botanical Adulterants Prevention Program**, Mr. Mark Blumenthal, ABC-AHP-NCNPR Botanical Adulterants Prevention Program, U.S.A
- 9:45 **Issues, Challenges and Instruments to Prevent Adulteration in Herbal Medicines - Introduction to Combined HPLC-DAD-MS, HPLC-MSn and NMR Spectroscopy for Quality Control of Medicinal Plant Extracts**, Prof. Dr. Anna Rita Bilia, GA, University of Florence, Italy
- 10:15 Coffee/Tea Break and Networking

The Response from the Industry at Global and EU Level: What Can We Learn?

- 10:45 **How the EU Botanicals Industry Views Adulteration and Works to Prevent Food Adulteration**, Mr. Patrick Coppens, Food Supplements Europe, Belgium
- 11:15 **Consumers and Regulators Require Quality Health Products: Preventing Adulterations with the EHPM Quality Model**, Mr. Michel Horn, European Federation of Associations of Health Product Manufacturers (EHPM), Belgium
- 11:45 **Transparency as a Potential Solution to Adulteration Issues**, Mr. Bauke van der Veen, EUROPAM - European Herbs Growers Association, the Netherlands
- 12:15 Roundtable: **How Can We Tackle Effectively Adulteration of Natural Substances in Food and Supplements in the EU?**
- 12:45 Lunch and Networking

Tools for prevention and the Health implications of Adulteration of Botanicals

- 13:45 **The Botanical Adulterants Prevention Program: Applications**, Dr. Stefan Gafner, American Botanical Council, U.S.A.
- 14:15 **Finding the Weakest Link in Your Supply Chain – A Holistic Plan to Protect your Brand**, Mr. David Trosin, NSF Dietary Supplements, U.S.A.
- 14:45 **Trust in the Marketplace – A Trust Transparency Scorecard**, Mr. Len Monheit, Trust Transparency Center, U.S.A.
- 15:15 **How the Belgian Experience with Botanicals Can Help Tackle Adulteration**, Mr. Joris Geelen, Food Compliance International, Belgium
- 15:45 **Coffee/Tea Break and Networking**
- 16:15 **Health Implications: When Adulteration Becomes a Food Safety Issue**, Dr. Luca Bucchini, Hylobates Consulting, Italy
- 16:45 **Laboratory Tools to Prevent and Assess Adulteration of Botanicals**, Mr. Julien Diaz, BotaniCert, France
- 17:15 End of Day 1 - Closing remarks - Mr. Mark Blumenthal, American Botanical Council (ABC) and ABC-AHP-NCNPR Botanical Adulterants Prevention Program (BAPP)

Day 2: Friday, November 30, 2018

8:50 Welcome - Opening remarks – Ms. Heather Granato, Vice President - Content, Health & Nutrition Network, Informa Exhibitions U.S.A.

Full Traceability, Analytical Control, DNA Testing and other Key Tools to Avoid and Prevent Adulteration and Fraud of Botanical Ingredients

- 9:00 **Herbal Product Analysis: Are Analytical Standards Your Achilles Heel?** Dr. René de Vaumas, PhD – President & CSO Extrasynthese, France
- 9:30 **DNA Testing as a Preventive Tool**, Prof. Dr. Johannes Novak, University of Veterinary Medicine Vienna, Austria
- 10:00 Coffee/Tea Break and Networking
- 10:30 **Full Traceability, High Quality Production and Exhaustive Analytical Control - Industry's Key Tools to Avoid and Prevent Adulteration and Fraud of Botanical Ingredients**, Mr. Agustin Villar & Ms. Anna Mulà, EUROMED, Spain
- 11:15 Practice session: case studies: **This session will walk participants through case-studies and hypothetical scenarios to discuss technical challenges, reputational issues and legal implications at various stages of adulteration incidents**
 - **Possible risks for patients' health resulting from undeclared plants in herbal supplements**, Prof. Dr. Anna Rita Bilia, GA, University of Florence, Italy
 - **Adulteration of essential oils: cases, issues, challenges, solutions**, Mr. Julien Diaz, BotaniCert, France
 - **The Sudan Red scandal in spices: what it can teach to botanicals**, Dr. Luca Bucchini, Hylobates Consulting, Italy
- 12:20 Closing remarks – Ms. Heather Granato, Vice President - Content, Health & Nutrition Network, Informa Exhibitions, U.S.A.
- 12:30 End of program

REGISTRATION FORM

Practical Short Course on

Adulteration and Fraud of Botanical and Natural Health Ingredients: Issues, Challenges and Prevention Tools for the Industry

Frankfurt Marriott Hotel, Frankfurt-am-Main, Germany - November 29 & 30, 2018

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Registration Information

Registration Fees	EXTENDED: On or Before November 4, 2018	After November 4, 2018	Amount
Regular Attendee Rate	795 EUR	945 EUR	
Academic, Association or Independent Research	495 EUR		

Payment Information

REGISTRATION OPTIONS: CREDIT CARD, USING BANK TRANSFER OR BY SENDING CHECK

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