



Virtual Stakeholder Workshop of the CCQM-TG-FOOD

Evolving needs in metrology Metrology for food and food safety

10-13 February 2025

Agenda

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The workshop will be four days (**10-13 February 2025**), two hours per day (**1 pm - 3 pm, UTC+1**), with one hour for talks (3x 20 minutes) and one hour for panel discussion.

10 February 2025 - Challenges in Assuring Authenticity?

Introduction	Jeremy Melanson, NRC (Canada)
IRMS	Luana Bontempo, Fondazione Edmund Mach (Italy)
NMR authentication of honey	Ian Burton, NRC (Canada)
DNA and Next Gen Sequencing	Rosalee S. Hellberg, Chapman University (United States of America)
Panel discussion Dmitriy Malinovskiy, LGC (United Kingdom)	

11 February 2025 - What are we looking for in novel foods?

Introduction	Catherine Rimmer, NIST (United States of America)
Novel proteins in foods - functional ingredients and meat alternatives	Clare Mills, GiantLeaps, University of Surrey (United Kingdom)
Novel Plant Proteins	Walter Nelson, Keygene (United States of America)
Measuring Mayhem: When Allergen Quantification goes nuts	Bert Popping, FOCOS (Germany)
Panel discussion Facilitator: Jeremy Melanson, NRC (Canada)	

12 February 2025 - What else is in our food?

Introduction	Maria Fernandes-Whaley, NMISA (South Africa)
Pathogens	Janaina Cavalcante, INMETRO (Brazil)
Emerging Toxins and residues	Michael Sulyok, iBAM Bioanalytics and Agro-Metabolomics, BOKU Univ. (Austria)
PFAS in food and food contact materials	Alexandra Jaus / Marina Zbinden, ScreenFood4Safety, METAS (Switzerland)
Panel discussion Facilitator: Catherine Rimmer, NIST (United States of America)	

13 February 2025 - Food Measurement Challenges within other CCs?

Introduction	Ralf Josephs, BIPM
Dose measurements and standards relevant for food irradiation	Christina Ankjaergaard / Arne Miller, Technical University of Denmark, DTU (Denmark)
Infrared sensing platform for analysis of proteins in feeds and foods	Achim Kohler, Photonfood, Norwegian University of Life Sciences (Norway)
Developing traceable density and pressure measurement methods for emerging requirements in the food industry	Stuart Davidson, NPL (United Kingdom)
Panel discussion Facilitator: Jeremy Melanson, NRC (Canada)	