



Draft Programme

EFSA Scientific Colloquium N°25: a coordinated approach to assess human health risks of micro- and nanoplastics in food | On-line, Thursday 6 and Friday 7 May 2021

OPENING SESSION micro- and nanoplastics in food and feed: setting the scene Chair: Helle Knutsen, former chair of CONTAM Panel, member of NDA Panel (NO) Co-chair: Tobin Robinson, EFSA		
09:30-09:35	Welcome and introduction to the event by the chair	
09:35-09:45	EFSA: general welcome	Barbara Gallani (EFSA)
09:45-09:50	Outline of the event	Helle Knutsen (FHI, NO)
09:50-10:20	Micro- and nanoplastics and human health Followed by Q&A	Bart Koelmans, (WUR, NL)
10:20-10:40	Interplay between science and society: the evolution of research, public discourse and societal concerns Followed by Q&A	Domagoj Vrbos (EFSA) & Severine Koch (BfR, DE)
10:40-11:00	Regulatory needs and challenges to inform fit-for-purpose research activities on micro- and nanoplastics, including outcomes of the SAM report Followed by Q&A	Veerle Vanheusden, (DG SANTE, EC)
11:00-11:20	Coffee/Tea break	
SESSION 1 Developments in analytical methods for micro- and nanoplastics		
11:20-11:50	Keynote lecture: Definition of micro- and nanoplastics & analytical challenges Followed by Q&A	Douglas Gilliland, (JRC, EC)
11:50-12:10	Evaluation and optimization of extraction methods suitable for the analysis of microplastic particles occurring in the edible part of seafood Followed by Q&A	Julia Süssmann (MRI, DE)
12:10-12:30	Raman Tweezers for Small Microplastics and Nanoplastics Identification in liquids Followed by Q&A	Pietro Giuseppe Gucciardi (CNR, IT)
12:30-14:00	Lunch	



SESSION 2 Developments in exposure of humans to micro- and nanoplastics		
14:00-14:25	Keynote lecture: Human exposure to micro- and nanoplastics: what drives citizens' concerns? Followed by Q&A	Sabine Pahl, (University of Vienna, AT)
14:25-14:50	Keynote lecture: Exposure to micro- and nanoplastics via food and feed Followed by Q&A	Francesco Cubadda, (ISS, IT)
14:50-15:10	Assessment of interactions of nanoplastics and wheat using Pd-doped plastics: first insights on potential uptake and impacts Followed by Q&A	Ana Elena Pradas del Real (University Madrid, ES)
15:10-15:30	Entry of microplastics into packed food and beverages – the example of bottled mineral water Followed by Q&A	Jana Weisser (TUM, DE)
15:30-15:50	Coffee/Tea break	
SESSION 3 Developments in hazard identification and characterisation for micro- and nanoplastics		
15:50-16:20	Keynote lecture: Hazard identification and Risk characterization – micro and nano plastics in food and feed Followed by Q&A	Ron Hoogenboom (WUR, NL)
16:20-16:40	Screening & Prioritization of Nano- and Microplastic Particle Toxicity Studies for Evaluating Human Health Risks Followed by Q&A	Robert Ellis-Hutchings (DOW, US)
16:40-17:00	Human risks of microplastic associated chemicals Followed by Q&A	Ruud Peters (WUR, NL)
17:00-17:10	Introduction to the Discussion Groups	Angelo Maggiore (EFSA)



DAY 2

SESSION 4 Breakout sessions		
09:00-10:30	1. Developments in analytical methods for micro- and nanoplastics	Chair: Peter Simpson Rapporteur: Ana Afonso
09:00-10:30	2. Developments in analytical methods for micro- and nanoplastics	Chair: Douglas Gilliland Rapporteur: Tony Smith
09:00-10:30	3. Developments in exposure of humans to micro- and nanoplastics	Chair: Francesco Cubadda Rapporteur: Angelo Maggiore
09:00-10:30	4. Developments in exposure of humans to micro- and nanoplastics	Chair: Birgit Sokull-Klüttgen Rapporteur: Karen Mackay
09:00-10:30	5. Developments in hazard identification and characterisation for micro- and nanoplastics	Chair: Ron Hoogenboom Rapporteur: Marco Binaglia
09:00-10:30	6. Developments in hazard identification and characterisation for micro- and nanoplastics	Chair: Bart Koelmans Rapporteur: Sandra Rainieri
10:30-11:00	Coffee/Tea break	
11:00-11:30	Flash reports from each breakout group (10 mins per topic)	Breakout groups rapporteurs
11:30-12:00	Plenary discussion	Chair Helle Knutsen (FHI, NO)
12:00-12:45	Panel discussion (selected speakers, breakout chair, Commission, Communication expert) Francesco Cubadda (ISS) Douglas Gilliland (JRC) Todd Gouin (WHO) Ron Hoogenboom (WUR) Claudia Menzel (University of Koblenz-Landau) Sabine Pahl (University of Vienna) Sandra Rainieri (EFSA) Tobin Robinson (EFSA) Veerle Vanheusden (EC, DG SANTE)	Moderator Barbara Gallani (EFSA)
12:45-13:00	Wrap-up and closure	Chair Helle Knutsen (FHI, NO) and co-chair Tobin Robinson (EFSA)
13:00	Adjourn	