



Suomen Toksikologiyhdistys ry Finnish Society of Toxicology

THE ANNUAL MEETING OF FINNISH SOCIETY OF TOXICOLOGY

Toxicology at the Crossroads: Bridging Research, Regulation, and Real-World Impact

7.-8.4.2025 IN KUOPIO, FINLAND

Venue: Mediteknia MD100, University of Eastern Finland, Kuopio



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MONDAY 7.4.2025

11.30–12.00 Registration

12.00–12.15 Welcome words, Katriina Huuonen (Vice Chair FST, Sweco Finland Oy)

Session 1: Endocrine Disrupters (chair: Olli Kärkkäinen, University of Eastern Finland)

12:15–12:45 Jenni Küblbeck: Unmasking the NEMESIS: Effects of endocrine disruptors on metabolic health (Senior Researcher, A.I. Virtanen Institute for Molecular Sciences, University of Eastern Finland)

12:45–13:15 Outi Kummu: PXR-activation induced effects on metabolic health (Project Researcher, University of Oulu)

13:15–13:45 Henriikka Hakomäki: Phthalates and Metabolic Health: Insights from In Vivo Studies (Postdoctoral Researcher, A.I. Virtanen Institute for Molecular Sciences, University of Eastern Finland)

13.45–14.15 Coffee and posters

Session 2: Regulatory Toxicology (chair: Katriina Huuonen, Sweco Finland Oy)

14.15–15.00 **Keynote 1:** Virve Sihvola: Revision of chemical regulation in EU – REACH and CLP (Team Leader, Regulatory Toxicology, ECHA)

15:00–15:30 Eveliina Moisio: Toxicological regulatory challenges for the industry (Senior Chemical Safety Specialist, Sweco)

15:30–16:00 Jaana Palomäki: Recent experiences with the use of alternative methods under the Medicines Regulation. (Senior Researcher, Finnish Medicines Agency FIMEA)

16:15–17:30 SIB Labs tour (Part of the Department of Technical Physics operating in the Faculty of Science, Forestry and Technology in the University of Eastern Finland)

16:30–17:30 Annual Meeting of FST

18:30–Dinner at Mediteknia (at own cost)

TUESDAY 8.4.2025

8.45–9.15 Registration

9.15–10.00 **Keynote 2:** Using the holistic picture of antimicrobial resistance to assess the environmental impacts of antimicrobial chemicals. Mailis Laht (EST, Estonian Society of Toxicology. National Institute of Chemical Physics and Biophysics, Estonia)

10:00–10:30 Coffee and snacks

Session 3: Ecotoxicology (chair: Greta Waissi, chair FST, ECHA)

10:30–11:00 Jarkko Akkanen: Risks sulphate in freshwater environments: Ecotoxicity or something else (Research Director, University of Eastern Finland)

11:00–11:30 Victor Carrasco Navarro: Microplastics as understudied environmental contaminants: aquatic ecotoxicological studies (Project Researcher, University of Eastern Finland)

11:30–12:00 Jesse Simola: The placenta as a tool for monitoring chemical exposure in the Saimaa ringed seal (Doctoral Researcher, University of Eastern Finland)

12.00–13.15 Lunch (at own cost)

Session 4: NAMs and in silico toxicology (chair: Dario Greco, Tampere University)

13:15–13:45 Miika Vuorimaa: Digital Pathology and AI - Are they more than buzzwords for toxicology? (Research Scientist at Bioimaging and Laboratory Operations Unit, Orion Oyj)

13:45–14:15 Alexandra Schaffert: Translating mechanistic data into toxicological understanding: Adverse Outcome Pathways and Omics in action (Postdoctoral Researcher, Tampere University)

Closing session

14:15–14:45 Risto Juvonen: Xenobiotic metabolism in toxicological and historical perspective (Senior Researcher, University of Eastern Finland)

14.45–15.00 Closing words (vice chair Katriina Huuonen)