



FUTURE DIRECTIONS IN TOXICOLOGY



Welcome to the Symposium of Finnish Society of Toxicology and
Estonian Society of Toxicology on 24-25.5.2022 in Tallinn, Estonia

Topics: Biomonitoring, In silico toxicology, Emerging toxicants

Venue: [Hotel Viru](#), Viru Väljak 4, Tallinn

The detailed preliminary program is available as attachment and [here](#)

Please register to the meeting [here](#)

The registration deadline is 13.05.2022

Special rate for accommodation in Hotel Viru is available until 23.04.2022

Registration fees: Finnish Society of Toxicology member – free
Estonian Society of Toxicology member – 10 €
Non-member - 100 €

Registration includes a dinner on Tuesday evening 24.5.2022

If you have any questions, please contact [tiedottaja\(a\)toksikologit.fi](mailto:tiedottaja(a)toksikologit.fi) or ets@kbfi.ee

Please forward this message to anyone who might be interested.

Welcome to Tallinn!

Sponsored by:



FUTURE DIRECTIONS IN TOXICOLOGY

Symposium of the Estonian and Finnish Societies of Toxicology

24-25.5.2022, Hotel Viru, conference room Bolero, Tallinn, Estonia

Tuesday 24th of May

12:00 - 12:30	<i>Registration, coffee</i>	
12:30 - 12:40	Villem Aruoja , ETS; Greta Waissi , STY	Welcome
12:40 - 13:20	Keynote: Jaanus Harro , University of Tartu	Sola dosis facit venenum ... But the personality?
	<u>Session I - Biomonitoring</u>	Chairs: Angela Ivask , Selma Mahiout
13:20 - 13:50	Panu Rantakokko , Finnish Institute for Health and Welfare	Biomonitoring in environmental health – single compounds, compounds groups and diverse mixtures
13:50 - 14:20	Tiina Santonen , Finnish Institute of Occupational Health	Biomonitoring in occupational toxicology
14:20 - 14:50	Hans Orru , University of Tartu	Biomonitoring in Estonia - previous experiences and future perspectives
14:50 - 15:15	<i>Coffee break</i>	
	<u>Session II - In silico toxicology/integrated approaches</u>	Chairs: Villem Aruoja ,
15:15 - 15:45	Dario Greco , University of Tampere	Toxicogenomics and Integrated Approaches to Testing and Assessment
15:45 - 16:15	Uko Maran , University of Tartu	Computational approaches for modelling ToxCast™/Tox21 androgen receptor activity data
16:15 - 16:45	Ilona Kareinen , Orion	Early in silico based target safety evaluation in drug discovery
16:45 - 17:15	Rami El Dairi , Finnish Environment Institute	The harmful effects of anthropogenic underwater noise in the Finnish sea area - BIODIVERSEA
17:15 - 18:30	<i>Break</i>	
18:03 - 19:00	Gathering in the Seaplane Harbour, Vesilennuki 6, Tallinn	
19:00 - 19:30	Tour of the Seaplane harbour	
19:30 - 21:30	<i>Dinner</i>	

Wednesday 25th of May



Wednesday 25th of May

9:00 - 9:15	<i>Registration</i>	
9:15 - 9:55	Keynote: Tambet Teesalu , University of Tartu	Tumor homing peptides for systemic targeting of drugs and nanoparticles
	<u>Session III - Nanotoxicology / Emerging toxicants</u>	Chairs: Greta Waissi, Anne Kahru
10:00 - 10:25	Margit Heinlaan , Nat. Inst. of Chemical Physics and Biophysics, Tallinn	Microplastics and beyond
10:25 - 10:55	Angela Ivask , University of Tartu	Potential environmental hazards of antimicrobial compounds
10:55 - 11:15	<i>Coffee break</i>	
		Chairs: Mailis Laht, Rami El Dairi
11:15 - 11:45	Anne Kahru , Nat. Inst. of Chemical Physics and Biophysics, Tallinn	New challenges for ecotoxicology due to COVID-19 outbreak: focus on metal-based antimicrobials and single-use plastics
11:45 - 12:15	Paula Vanninen , Verifin, University of Helsinki	Sea-dumped chemical weapons pose a risk to the Baltic sea ecosystem - chemical research at VERIFIN
12:15 - 13:15	<i>Lunch on site</i>	
	<u>Student session</u>	
13:15 - 13:27	Essi Järvelä , University of Eastern Finland	The effects of micro-sized polyethylene on human intestinal cells.
13:27 - 13:39	Mare Oja , University of Tartu	pH profiles for effective membrane permeability of drug substances
13:39 - 13:51	Taija Voutilainen , University of Eastern Finland	A woman is known by the company she keeps: The effect of pregnancy to parents' alcohol use and smoking
13:51 - 14:03	Mikko Herrala , University of Eastern Finland	In vitro toxicity studies of bio-based colourants
14:03 - 14:15	TBA	
14:15 - 15:15	Keynote: David Dorman , North Carolina State University	21st Century Science in Chemical Risk Assessment
15:15 - 15:20	Villem Aruoja , ETS; Greta Waissi , STY	Closing remarks
15:20 - 16:00	<i>Break</i>	
16:00 - 17:00	Old town tour	

Organizing committee:

Greta Waissi FST (chair)
Marjo Pusenius FST
Villem Aruoja EST (chair)
Angela Ivask EST
Anne Kahru EST
Arvo Tuvikene EST