

Toxicology for the future – research, development and education for chemical safety

Celebrating 40 years of toxicology education at Karolinska Institutet and the Institute of Environmental Medicine (IMM)

Date: 2016-11-25 | 13.00 – 17.00

Aula Medica, Nobels väg 6, Karolinska Institutet, Solna

The programme includes highlights of scientific development within the area of toxicology and health risk assessment in the perspective of societal needs, challenges, possibilities and education - Adverse Outcome Pathways, Endocrine Disruption, mixtures, alternative methods, omics data, *in silico* methods, nanoparticles, microbiome etc.

Presenters from IMM, Swetox and EC Joint Research Centre, Italy.

Invited: Alumni, students, teachers, toxicologists and anyone interested.

See detailed program on next page.

Welcome!

Annika Hanberg,
Programme director

Kristian Dreij,
Director of studies

Ulla Stenius,
Head and director of IMM



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Program

- 13.00 Welcome
Ulla Stenius, head and director of IMM
- 13.10 The ToxMaster programme today and recent developments
Annika Hanberg, programme director, IMM
- 13.40 Adverse Outcome Pathways AOPs in toxicology and risk assessment
Brigitte Landesmann, EC Joint Research Center
- 14.10 The air-liquid interface cell model as an alternative toxicity method
Lena Palmberg, IMM
- 14.25 Big data (omics) in toxicology
Roland Grafström, IMM
- 14.40 Fika and mingle
- 15.20 The challenge of identifying endocrine disrupters
Anna Beronius, IMM
- 15.35 Assessment of chemical mixtures
Johanna Zilliacus, IMM
- 15.50 *In silico* methods in toxicology and risk assessment
Scott Boyer, Swetox
- 16.05 Text mining – a new method in risk assessment and toxicological research
Ilona Silins, IMM
- 16.20 The role of the microbiome in toxicity
Harri Alenius, IMM
- 16.35 Nanotoxicology: challenges and future perspectives
Bengt Fadeel, IMM
- 16.50 Concluding remarks
- 17.00 End of programme



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