



Dansk Selskab for Toksikologi & Farmakologi

DSTF ANNUAL MEETING; NOVEMBER 11-12TH 2024

Sandbjerg Manor <https://www.sandbjerg.dk/en/>

Prediction Models and New Alternative Methods in Pharmacology and Toxicology

PROGRAM

MONDAY NOVEMBER 11TH

11.30-12.00: COFFEE

12.00-13.00: LUNCH

13.00-13.10: WELCOME: Anders A. Jensen, DSTF president

THEME 1: In silico predictions

SESSION 1: *Chair: Jorid Birkelund Sørli*

13.10-13.50: KEY NOTE: Eva Wedebye, Danish QSAR Database, National Food Institute, Technical University of Denmark. *Introduction to QSAR: New trends in the regulation.*

13.50-14.20: Jacob Ardenkjær-Skinnerup, Technical University of Denmark. *Chemicals and breast cancer: PPAR γ measurements and QSAR development.*

14.20-14.50: COFFEE

SESSION 2: *Chair: Tomas Mow*

14.50-15.20: Andrzej M. Kierzek, Certara, United Kingdom. *Quantitative Systems Pharmacology to guide drug discovery, development, and regulatory decision making.*

15.20-15.50: Jorid Birkelund Sørli, The National Research Centre for The Working Environment, Denmark. *The role of NAMs in chemical regulation.*

15.50-16.00: BREAK (COFFEE)

SESSION 3: EARLY CAREER SESSION: *Chairs: Maria Wielsøe and Mikkel Vendelbo*

16.00-17.00: Oral Presentations (selected from submitted abstracts)

17.05-19.00: Poster Session with Refreshments & Snacks

18.00-19.00: GENERAL ASSEMBLY FOR THE DSTF MEMBERS (*agenda will be sent later*)

19.00-22.00: DINNER DSTF ANNUAL MEETING 2024

TUESDAY NOVEMBER 12TH

THEME 2:

In vitro predictive methods

SESSION 4: *Chair: Mikkel Vendelbo*

8.30-9.00: David Kristensen, Danish Headache Center, Rigshospitalet. *Development of a cell model for migraine.*

9.00-9.30: Klaus Eyer, Department of Biomedicine, Aarhus University. *Single cell-based models in studies of cytokine release and inflammation.*

9.30-10.00: COFFEE

SESSION 5: *Chair: Morten Fjorholt*

10.00-10.30: Tore Stage, Department of Public Health, University of Southern Denmark. *Regulation of drug metabolism in 3D primary human hepatocytes and humans.*

10.30-11.00: Klaus Rytved, LEO Pharma. *Navigating Early Drug Development with Predictive Toxicology.*

11.00-11.10: BREAK (COFFEE)

THEME 3:

Organoids & microphysiological systems

SESSION 6: *Chairs: Tomas Mow and Anders Jensen*

11.10-12.10: KEY NOTE: Thomas Hartung, Johns Hopkins University. *Toxicology – the now, the new and the next.*

12.10-13.00: LUNCH

SESSION 7: *Chairs: Tomas Mow and Anders Jensen*

13.00-13.30: **Christine Mummery, Department of Anatomy and Embryology, Leiden University.** *Cardiotoxicity, disease modelling and drug discovery using cardiomyocytes from human pluripotent stem cells.*

13.30-14.00: **Joshua Mark Brickman, Novo Nordisk Foundation Center for Stem Cell Medicine (reNEW), University of Copenhagen.** *Enhancer priming as a mean to generating improved models for liver function from pluripotent stem cells.*

14.00-14.30: **Emma Börgeson, Department of Biomedicine, Aarhus University.** *A Personalized Medicine Approach to Tackle Immunometabolism and Cardiometabolic Disease.*

14.30-14.40: PRIZE ANNOUNCEMENT: BEST ORAL and POSTER PRESENTATION FROM EARLY CAREER SESSION

14.40-15.00: Thanks and Goodbye and coffee before departure (transport to railway station and airport)

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