

## PROGRAM

### WEDNESDAY NOVEMBER 6<sup>TH</sup> – DAY 1

**11.30-12.00:** **Coffee**

**12.00-12.10:** **WELCOME** DSTF president Eva Bonefeld-Jørgensen

**12.10-12.50:** **KEY NOTE: Novel 3D liver in vitro systems for studying mechanisms behind and treatment of liver steatosis, fibrosis and chronic drug hepatotoxicity.**

Magnus Ingelman-Sundberg, Department of Physiology and Pharmacology, Section of Pharmacogenetics, Karolinska Institutet, Sweden

**12.50-13.50:** **Lunch**

**13.50-16.05:** **SESSION 1: LIVER FUNCTION**

*Chair: Gunnar Toft*

**13.50-14.20:** **Drug Induced Liver Injury (DILI): Mechanisms of toxicity and common class effects.**

Matt Saunders, Covance

**14.20-14.50:** **Non-alcoholic fatty liver disease in Denmark: natural history, diagnostics and treatment.**

Lise Lotte Gluud, GastroUnit, Copenhagen University Hospital Hvidovre, Denmark

**14.50-15.05:** **Snack break**

*Chair: Mikkel Holm Vendelbo*

**15.05-15.35:** **Liver toxicity in nanoparticle toxicology with focus on translocation and toxicity after pulmonary dosing.**

Ulla Vogel, The National Research Center for the Working Environment, Denmark

**15.35-16.05:** **Liver morphology after intratracheal exposure to different nanomaterials.**

Alicja Mortensen, The National Research Center for the Working Environment, Denmark

**16.05-16.30:** **Coffee break and check in**

**16.30-17.30:** **SESSION 2: EARLY CAREER SESSION**

*Chair: Lisbeth Knudsen*

4 presentations; 10 min per presentation + 5 min for questions

**18.30-19.00:** **Wine & snacks**

**19.00-22.00:** **Dinner**

**THURSDAY NOVEMBER 7<sup>TH</sup> – DAY 2****9.00-11.00: SESSION 3 – Biotransformation & Novel Methods**

*Chair: Eva Bonefeld-Jørgensen*

**9.00-9.40: KEY NOTE: Paracetamol-associated adverse reactions in kidney: Different mechanistic pathways compared to liver**

Hilmi Orhan, Faculty of Pharmacy, Ege University, Turkey

**09.40-10.10: Individualized medicine, role of next generation sequencing, rare variants and artificial intelligence for predicting drug response and adverse drug reactions.**

Magnus Ingelman-Sundberg, Department of Physiology and Pharmacology, Section of Pharmacogenetics, Karolinska Institutet, Sweden

**10.10-10.30: Coffee**

*Chair: Karin Sørig Hougaard*

**10.30-11.00: In silico approaches for the drug toxicity assessment: from the molecular to the individual level.**

Alejandro Aguayo Orozco, Translational Disease Systems Biology NNF Center for Protein Research, University of Copenhagen.

**11.00-12.30: INDUSTRY SESSION**

*Chair: Gunnar Toft*

*Presentation on how to work with toxicology and pharmacology in the industry by representatives from pharmacological and toxicological companies.*

Trine Schütt and Klaus A. Rytved, *LEO Pharma A/S* | Anne Marie Møllek and Lene Diness Jensen, *Novo Nordisk A/S* | Jeppe Agner and Louise W.D. Otzen, *Lundbeck* | Kristina Bram Knudsen and Marianne Dybdahl, *Saxocon* | Mikael Elander, *Zealand Pharma*

**12.30-13.30: Lunch**

*Chair: Anders A. Jensen*

**13.30-14.00: The guinea pig as a preclinical model of non-alcoholic steatohepatitis.**

Pernille Tveden-Nyborg, Faculty of Health and Medical Sciences, Copenhagen University, Denmark

**14.00-14.15: Info on EUROTOX 2020 – Eva Bonefeld-Jørgensen (DSTF president)****14.15-14.30: PRIZE ANNOUNCEMENT: BEST ORAL PRESENTATION**

*Chair: Eva Bonefeld-Jørgensen*

**14.35-15.00: Thanks and Goodbye and coffee before departure (transport to railway station and airport) (Eva Bonefeld-Jørgensen)**