# Diversity and equity in pharmacoepidemiological studies

## 1 OCTOBER
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9.00-10.00     Arrival, registration, light breakfast and poster mounting

10.00-10.10     Welcome by DSFE chair Mette Bliddal

**10.10- 11.40     SESSION I: MEDICATION ADHERENCE**

                Chairs: Lina Steinrud Mørch, the Danish Cancer Institute & Kristine Højgaard Allin, Aalborg University

10.10-10.55     **Tracking treatment over time: Methods and applications in oncology**

                Jennifer Lund, University of North Carolina at Chapel Hill, USA

10.55-11.25     **Adherence to adjuvant endocrine therapy in women with breast cancer**

                Kirsten Marie Woolpert, Aarhus University, Denmark

11.25-11.40     **Oral abstract presentation: Likelihood and predictors for discontinuing semaglutide injection for weight loss: Nationwide population-based study of the first 51,790 users in Denmark**

                Aurélie Mailhac, Aarhus University, Denmark

**11.40-12.00     Coffee break**

**12.00-12.30     ANNIVERSARY DSFE LECTURE**

                Chair: Signe Sørup, Aarhus University Hospital
                DSFE founder Jesper Hallas, previous DSFE chair Anton Pottegaard and DSFE chair Mette Bliddal

**12.30-13.00     General Assembly (for DSFE members only)**

                Chair: Reimar W. Thomsen, Aarhus University

**13.00-13.45     Lunch**

**13.45-15.30** **SESSION ll: METHODS IN PHARMACOEPIDEMIOLOGY**

Chairs: Jesper Hallas & Helene Kildegaard, University of Southern Denmark

**13.45-14.30** **Multilevel Analysis of Individual Heterogeneity and Discriminatory Accuracy (MAIHDA): A new approach to studying social disparities in drug use**

George Leckie, University of Bristol, United Kingdom

**14.30-15.15** **How to generate realistic, non-personal synthetic health data?**

Martin Bøgsted, Aalborg University, Denmark

**15.15-15.30** **Oral abstract presentation: The ICH E9(R1) Estimand Framework in the context of Real-World Data and Observational Studies**

Lotte Husemoen, Novo Nordisk, Copenhagen, Denmark

**15.30-16.00** **Coffee and check-in**

**16.00-17.30** **Moderated poster-walks in groups & pre-dinner drinks**

**16.00-16.30** **Walk 1: Pharmacoepidemiological methods**

Chairs: Tea Skaaby, LEO Pharma & Helene Kildegaard, University of Southern Denmark

**Walk 2: Cancer and type 2 diabetes**

Chairs: Lotte Husemoen, Novo Nordisk & Kristine Højgaard Allin, Aalborg University

**16.40-17.20** **Walk 3: Diseases and drugs in later life**

Chairs: Cathrine Hjorth, Aarhus University & Marie Lund, Bispebjerg & Frederiksberg University Hospital

**Walk 4: Health in early life, childhood and adolescence**

Chairs: Signe Sørup, Aarhus University Hospital & Nils Skajaa, Novo Nordisk

*Please find detailed poster information on the last page of the program*

**18.30** **Dinner**

## 2 OCTOBER

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**9.00-10.30**    **SESSION lll: UNDERREPRESENTED IN CLINICAL TRIALS**
Chairs: Deirdre Cronin-Fenton, Aarhus University & Nils Skajaa, Novo Nordisk

9.00-9.45    **Perinatal pharmacotherapy during pregnancy and lactation**
Hedvig Nordeng, University of Oslo, Norway

9.45-10.15    **Using real-world data to study LDL reduction in older people**
Marie Lund, Bispebjerg & Frederiksberg University Hospital, Denmark

10.15-10.30    **Oral abstract presentation: GLP-1 agonists as potential neuromodulators in development of Parkinsons's disease: a nationwide cohort study**
Mads Gamborg, the Danish Cancer Institute, Copenhagen, Denmark

**10.30-11.15**    **Coffee break and networking walk**

**11.15-13.00**    **SESSION lV: PRECISION MEDICINE**
Chairs: Tariq Halasa, Novo Nordisk & Tea Skaaby, LEO Pharma

11.15-12.00    **Development of anti-drug antibodies to TNF inhibitors in patients with Crohn's disease**
Aleksejs Sazonovs, Aalborg University, Denmark

12.00-12.45    **Leveraging AI in pharmacology and pharmacogenomics**
Roxana Daneshjou, Stanford University, USA

12.45-13.00    **Oral abstract presentation: Acute cardiovascular effects associated with the use of prescription medications: A Danish nationwide screening study**
Saad Hanif Abbasi, University of Southern Denmark, Odense, Denmark

**13.00-13.45**    **Lunch**

**13.45-14.00**    **Goodbye and award for best oral presentation and poster presentation based on submitted abstracts**

## POSTER INFORMATION

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### WALK 1: PHARMACOEPIDEMIOLOGICAL METHODS
**Poster 1: Methods applied to assess real-world effectiveness of drugs: A scoping review**
Benedikte Irene von Osmanski, Signum Life Science
**Poster 2: A Bayesian joint modeling approach to estimate drug interactions with tamoxifen in premenopausal breast cancer patients**
Kirsten M. Woolpert, Aarhus University
**Poster 3: A common data model for pharmacoepidemiological studies in Denmark, Norway and Sweden**
Peter B Jensen, University of Southern Denmark

### WALK 2: CANCER AND TYPE 2 DIABETES
**Poster 7: Breast cancer incidence by subtypes - a Danish register-based study from 2012 to 2022**
Cathrine Tipsmark, Signum Life Science, Copenhagen
**Poster 8: Association of educational level with clinical presentation and pharmacological treatment in 10,020 individuals with recently diagnosed type 2 diabetes**
Frederik PB Kristensen, Aarhus University
**Poster 9: Pre-diagnostic use of menopausal hormone therapy and colorectal cancer recurrence and mortality: a Danish population-based cohort study**
Julie A. Schmidt, Aarhus University

### WALK 3: DISEASES AND DRUGS IN LATER LIFE
**Poster 4: Treatment of erectile dysfunction after radical prostatectomy**
Signe B Larsen, Copenhagen University Hospital – Rigshospitalet
**Poster 5: Opioids and dementia: nationwide Danish population-based study**
Nelsan Pourhadi, Copenhagen University Hospital – Rigshospitalet
**Poster 6: Changes in psychotropic drug use among Danish care home residents during and after the COVID-19 pandemic**
Hanin Harbi, University of Southern Denmark

### WALK 4: HEALTH IN EARLY LIFE, CHILDHOOD AND ADOLESCENCE
**Poster 10: A population-based observational study of determinants of varicella vaccination in the private market in Denmark**
Anne Cathrine Falch-Jørgensen, Signum Life Science
**Poster 11: Prenatal exposure to antifungal agents and risk of immune-mediated inflammatory diseases**
Christian Sørensen, Aalborg University
**Poster 12: Eating disorders in children, adolescents, and young adults during and after the COVID-19 pandemic**
Heidi E Sonne, University of Copenhagen
**Poster 13: Impact of pre- and postnatal maternal inflammatory bowel disease status on offspring's risk of inflammatory bowel disease: a population-based cohort study**
Linéa Bonfils, Aalborg University