

Academic commissions of trust

2021-Present	Chair of Scientific Program Committee and Host of the 2022 International Conference for the International Society for Pharmacoepidemiology (ICPE) to be held in Copenhagen, Denmark
2021	Guest editor for special issue on ‘translational pharmacology’ in Basic and Clinical Pharmacology and Toxicology together with Tore B. Stage
2020-2021	Chair of Social Media subcommittee within International Society for Pharmacoepidemiology
2020	Project lead appointed by Danish Medicines Agency on large-scale academic-regulator collaboration (DACCOVID) performing pharmacoepidemiological analyses to support Danish and international regulatory decision-making during the covid-19 pandemic
2020-2021	Co-chair of International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Research Review Committee for the 2021 ISPOR Online Conference
2020-2021	Co-chair of ISPE-ISPOR Special Task Force on harmonization of research protocols
2020-2021	Member of ISPE Real-World-Evidence Task Force
2020-2021	Member of the Core Committee planning the 2021 International Conference for International Society for Pharmacoepidemiology in Seattle, US
2019-Present	Founder and steering group member of Odense Deprescribing INitiative (ODIN), a multidisciplinary project doing research on all things related to deprescribing.
2019-2020	Member of the advisory group for the Danish Medicine Without Harm
2018-Present	Chair of an International Working Group on use of healthcare registries for signal generation within the Drug Safety Research Unit on Signal Detection and Management in Pharmacovigilance
2017-2022	Committee member for the Danish Bibliometric Research Indicator (Committee #35: Pharmaceutical Sciences)
2017-2019	Chair of the Education Committee at International Society for Pharmacoepidemiology
2017-Present	Senior Editor for Basic and Clinical Pharmacology and Toxicology (Assistant Editor from 2017-2021)
2015	Host of the Nordic Pharmacoepidemiology Network (NorPEN) conference held in Odense, Denmark
2013-2019	Chair of the Danish Society for Pharmacoepidemiology
2013-2015	Board member of the Danish Pharmaceutical Society
2012-Present	Board member at the Danish National Database of Reimbursed Prescriptions
2012-2017	Vice chairman in the Danish Pharmaceutical Society, Section for Clinical Pharmacy

Grants and research contracts

Treatment and trajectories for patients in short-term rehabilitation (Midlertidige Døgnophold; MIDO) (2022-present)

Role: PI

Funding: 80,000€ (Region of Southern Denmark's Fund for Public Health Research) and 60,000€ (to co-PI Kasper Edwards, Danish Technical University; Helsefonden)

Project: Systematic knowledge about the transition of patients from hospital to short-term rehabilitation before

return to home or nursing home is sparse, and knowledge about the organizational structures and the organization of the daily work is limited. In this collaborative project between Hospital Pharmacy Funen (OUH), University of Southern Denmark, Danish Technical University and Type2Dialog, we will (i) conduct qualitative work to map challenges regarding medication, (ii) build a register of patients in short-term rehabilitation and perform registry-based studies mapping their trajectories and treatment, and (iii) follow these patients individually to map challenges medication management, responsibility of the medical treatment, and communication.

Hypothesis-free screening for adverse events: A new approach in drug safety research (2022-present)

Role: PI

Funding: €825,000 from the Danish Council of Independent Research (2021; Sapere Aude)

Project: We will develop methodology allowing hypothesis-free screening of real-world healthcare data in drug safety research. Specifically, we will complete four work packages tackling (i) design challenges related to the detection of adverse cardio-vascular events, (ii) use of 'active comparators' to reduce confounding, (iii) prioritization of signals, and (iv) automated external replication of potential safety findings. In doing so, it is the ambition to establish hypothesis-generating screening studies as a new approach in pharmacoepidemiology, which can ultimately change pharmacovigilance practices worldwide.

Improving the quality of observational studies on drug-cancer associations (2017-2022)

Role: PI

Funding: €295,000 from the Danish Council of Independent Research (2017; Project 1, Medical Sciences); 73,000€ from Region of Southern Denmark (2017; PhD grant).

Project: In this PhD project (Kasper B. Kristensen), we develop new insights in addressing common issues related to confounding in pharmacoepidemiological drug-cancer studies. The project is conducted in collaboration with the Danish Cancer Society, Harvard University, and Kaiser Permanente and aims to increase the overall quality of research in this field and, ultimately, drug safety.

Mapping attitudes towards deprescribing and developing a medication discontinuation model (2017-2021)

Role: PI

Funding: €162,000 (2017) and €215,000 (2019) from the Velux Foundation.

Project: Deprescribing is increasingly recognized as a potential solution to the increasing medication use among older people, particularly those in the last years of life. In this project, we explored patients', relatives' and health care professionals' attitudes towards deprescribing in older people with limited life expectancy in a series of systematic reviews, interview studies, and questionnaire-based studies. Based on our findings, we developed a comprehensive and patient-centered deprescribing intervention which is currently tested in a randomized clinical trial among older people with a life expectancy shorter than two years.

Testing interventions for discontinuation of proton pump inhibitors (2019-2021)

Role: PI

Funding: €88,000 from Danish Region's "Medicinpuljen" (2018); €36,000 from the Region of Southern Denmark (2018).

Project: The consumption of proton pump inhibitors is extensive in Denmark as well as in the rest of the world. In this randomized controlled trial, we are testing two interventions to discontinue proton pump inhibitor treatment among patients with no solid indication for continued treatment, recruiting patients via community pharmacies.

Epidemiological assessment of the risk for pancreatic cancer associated with the use of semaglutide in patients with type 2 diabetes - A cohort study based on Nordic registry data (2019-2026)

Role: PI

Budget: €1,613,000 overall budget of which €993,000 goes to the University of Southern Denmark. Funded by Novo Nordisk A/S.

Project: A potential risk of pancreatic cancer has been hypothesized for incretin mimetic class of antidiabetic drugs, including the Glucagon-like peptide-1 (GLP-1) analogues. In this regulator-mandated post-authorization safety study (PASS), we will set up an international multicenter study from Denmark, Sweden and Norway to evaluate whether exposure to semaglutide (an GLP-1 analogue) influences the risk of pancreatic cancer in patients with type 2 diabetes.

A multi-cohort assessment of gestational SSRI exposure on long-term psychiatric outcomes (2018-2021)

Role: Danish PI (US PI: Adasheer Talati, Columbia University, US)

Budget: \$313,372 to the University of Southern Denmark from the National Institute of Mental Health. (NIMH R01MH114967)

Project: SSRI antidepressants are considered first-line treatment for pregnant women with depression. In this project, we investigated whether use of antidepressants during pregnancy increases the risk of depression and other mental health outcomes in the child. The project is carried out in collaboration with Columbia University, NY, and leverages both Danish and US data sources.

Risk of Skin Cancer and Lymphoma in Users of Topical Tacrolimus, Pimecrolimus, and Corticosteroids Protoplc JOInt European Longitudinal Lymphoma and skin cancer Evaluation (JOELLE) Extension (2018-2021)

Role: Danish PI

Budget: €191,000. Funded by LEO Pharma.

Project: The calcineurin inhibitors tacrolimus and pimecrolimus used as ointments in atopic dermatitis have been suspected of being associated with an increased risk of skin cancer. In the first part of this project (2010-2017), a regulator-mandated post-authorization safety study (PASS), was carried out as an international multicenter study in Denmark, the UK, Holland and Sweden. While findings were generally reassuring, limited sample size and follow-up, in particular among children, called for this project extension in which we redid the study with additional follow-up to provide a more definitive answer.

The Brodalumab Assessment of Hazards: A Multinational Safety Study in Electronic Healthcare Databases (2017-2031)

Role: Co-investigator (Danish PI: Jesper Hallas, University of Southern Denmark, Denmark)

Budget: €7,473,000 overall budget of which €4,402,000 goes to the University of Southern Denmark. Funded by LEO Pharma.

Project: Brodalumab is a new immunomodulatory antibody developed for treatment of moderate to severe plaque psoriasis in adults. In this regulator-mandated post-authorization safety study (PASS), we have set up an international multicenter study in Denmark, Sweden, Norway, the Netherlands, Germany, and Italy, to monitor potential risks associated with the use of brodalumab in the treatment of psoriasis with regards to serious infections, suicidal attempts, cardiovascular outcomes and malignancies.

Acidinium Bromide (Monotherapy and Fixed-Dose Combination) Drug Utilisation Study I + II (2013-2020)

Role: Co-investigator (Danish PI: Jesper Hallas, University of Southern Denmark, Denmark)

Budget: €112,000 and €134,000. Funded by Astra Zeneca.

Project: Acclidinium bromide is an inhaled agent for the treatment of chronic obstructive pulmonary disease (COPD). In this regulator-mandated post-authorization safety study (PASS), we participated in an international multicenter study in Denmark, Germany, and the UK to monitor its use patterns, characterize its users and to quantify its off-label use.

Off-label use of dabigatran etexilate in Europe (2014-2017)

Role: Danish PI

Funding: €86,000. Funded by Boehringer-Ingelheim.

Project: The introduction of dabigatran, and thereby the new class of 'new oral anticoagulants' (NOACS) has led to marked changes in the use of oral anticoagulants worldwide. This regulator-mandated post-authorization safety study (PASS), was carried out as an international multicenter study in Denmark, France, and the UK to describe the use patterns and the off-label use of dabigatran outside its approved indications.

Developing a screening tool for carcinogenic effects of prescription drugs (2014-2017)

Role: PI

Funding: €345,000 from the Danish Council of Independent Research (2013; Individual Postdoc, Medical Sciences)

Project: In this project, I established a system to screen for carcinogenic or chemopreventive effects of prescription drugs. The project was carried out in collaboration with the Danish Cancer Society and Harvard University. The project was successful, and the main paper was published in EBioMedicine in 2016 and identified several leads for later projects, including the identification of an association between hydrochlorothiazide and risk of skin cancer, leading to several high-impact publications and worldwide regulatory action.

Other international collaborations

Psychotropic medications and Glioma: an international pharmacoepidemiological study

Led by Blánaid Hicks, Queens University, Belfast, Ireland

Role: Co-PI

Glioma causes significant morbidity and mortality worldwide and treatment options remain limited. With this project, we aim to set up an international multicenter study from the UK, Denmark, Sweden, Norway, and the USA, to investigate (i) the association between antidepressant use and glioma risk and (ii) the use of psychotropic medications among glioma patients.

Quantitative Assessment of the Impact of Nitrosamine Contamination and Angiotensin Receptor Blockers (ARB) Recall on ARB Utilization: A Multinational Study

Led by the Food and Drug Administration (FDA), US.

Role: Collaborator.

The purpose of this international descriptive study is to examine changes in ARB utilization suspected to have resulted from the July 2018 recall of N-nitrosodimethylamine (NDMA) and N-nitrosodiethylamine (NDEA) contaminated angiotensin receptor blockers (ARBs) initiated by FDA and international regulatory agencies. The project will query several data sources using the Sentinel Common Data Model (SCDM). The FDA will conduct US based analyses in their Sentinel System. The international participants will conduct the same analyses in their data sources which include: United Kingdom (Clinical Practice Research Datalink; CPRD), Canada (Canadian Network for Observational Drug Effect Studies; CNODES), and Denmark (Danish nationwide health registries).

Risk of childhood cancer after prenatal exposure to medications – a Nordic registry based study

Led by Hedvig Nordeng, University of Oslo

Role: Collaborator

Childhood cancer is the second most common cause of death in children in affluent countries. It is known that prenatal exposures, including exposures to medications, can affect cancer risk later in life, but the effect on risk of childhood cancer is less well understood. This project is a Nordic population-based registry linkage study that aims to investigate the association between maternal use of medications in pregnancy and the risk of childhood cancer, and determine which medications are safe to use in pregnancy when it comes to future risk of cancer in the child. The project is led by the University of Oslo, Norway, with partners in Denmark, Finland and Sweden.

The Global Observational study in Medications Associated with Psychopharmacology (GOMAP)

Led by Ian CK Wong, University of Hong Kong

Role: Collaborator

GOMAP is an international collaboration for the utilisation of psychopharmacological medications. The GOMAP network consists of academic partners across different geographical regions: Asia (Hong Kong, Japan, South Korea, and Taiwan), North America (Canada and the United States), Europe (Denmark, Finland, Iceland, Norway, Sweden, France, Germany, the Netherlands, the United Kingdom, Italy and Spain), and Oceania (Australia and New Zealand), with data access to the corresponding databases in their regions. The aim of this international network is to conduct multinational research on psychopharmacological medication utilisation, and to facilitate further multiregional collaborations.

PhD supervision

Emma Bjørk (planned 2022-, main supervisor)

Tentative title: “Medication use among nursing home residents”

Helene Christine Kildegaard Jensen (2021-, main supervisor)

Title: “Pharmacoepidemiological aspects of pediatric medicine”

Ditte Bork Iversen (2020-, co-supervisor)

Title: “Supporting safe use of antibiotics: Penicillinase-resistant penicillins as inducers of drug metabolism and drug transport” (main supervisor: Tore B. Stage, University of Southern Denmark)

Nikolaj Mannering (2020-, co-supervisor)

Title “On adverse outcomes in immune thrombocytopenia - a population-based cohort study” (main supervisor: Henrik Frederiksen, Odense University Hospital)

Camilla Lynnerup (2020-, co-supervisor)

Title: “Polypharmacy and medication safety in vulnerable older migrants with cognitive disorders” (main supervisor: Dorte Nielsen, Odense University Hospital)

Alaa Hassan Burghle (2020-, main supervisor)

Title: “Public health research in the Danish community pharmacy setting”

Stine Munk Hald (2018-2022, co-supervisor)

Title: “Association of drug use with risk of intracerebral hemorrhage” (main supervisor: David Gaist, Odense University Hospital)

Lars Christian Lund (2018-, co-supervisor)

Title: “Big-data screening for undiscovered drug-outcome associations” (main supervisor: Jesper Hallas, University of Southern Denmark)

Carina Lundby Olesen (2018-2020, main supervisor)

Title: “Patients’, relatives’ and health care professionals’ attitudes towards deprescribing in older people with limited life expectancy”

Wade Thompson (2017-2020, co-supervisor)

Title: “Statins in the oldest old: clinical effectiveness and approaches to shared decision-making” (main supervisor: Dorte E. Jarbøl, University of Southern Denmark)

Kasper Bruun Kristensen (2017-2022, main supervisor)

Title: “Improving the quality of observational studies on drug-cancer associations”

Maja Hellfritsch Simonsen (2016-2019, main supervisor)

Title: “Switching between oral anticoagulants in atrial fibrillation”

Lotte Rasmussen (2015-2019, main supervisor)

Title: “Use of psychotropic drugs in children and adolescents with neurodevelopmental disorders”

Mathias Tiedemann Svendsen (2015-2018, co-supervisor)

Title: “Psoriasis patients’ use of topical treatment: lessons from registries, patients’ perspectives and an attempt to improve adherence” (main supervisor: Klaus Ejner Andersen, Odense University Hospital)

Sidsel Arnsjang Pedersen (2015-2018, co-supervisor)

Title: “The association between hydrochlorothiazide use and risk of skin cancer” (main supervisor: David Gaist, Odense University Hospital)

Anne Broe (2015-2018, co-supervisor)

Title: “Phthalate containing drugs and human reproduction” (main supervisor: Per Damkier, Odense University Hospital)

Zandra Nymand Ennis (2015-2019, assistant supervisor)

Title: “Exposure to phthalate-containing drug products and the risk of gastrointestinal cancers” (main supervisor: Per Damkier, Odense University Hospital)

Morten Rix (2015-2018, co-supervisor)

Title: “Meta-analyses of outcome postponement in cardiological trials” (main supervisor: Jesper Hallas, University of Southern Denmark)

Mette Mørch Klemmensen Reilev (2014-2018, co-supervisor)

Title: “Epidemiological approaches towards describing treatment and course of COPD in the general population” (main supervisor: Jens Søndergaard, University of Southern Denmark)

Kristian Hallundbæk Mikkelsen (2014-2016, co-supervisor)

Title: “Are there metabolic consequences of antibiotics-induced changes in the human gut microbiota?” (main supervisor: Filip K. Knop, University of Copenhagen)

Mette Bliddal (2014-2016, co-supervisor)

Title: “Mental and musculoskeletal health according to weight and weight changes in motherhood. A follow-up in the Danish National Birth Cohort” (main supervisor: Ellen Nøhr, Odense University Hospital)

Kasper Søltøft Larsen (2013-2015, co-supervisor)

Title: “Pharmacoepidemiological aspects of allopurinol use on cardiovascular diseases among hyperuricemic individuals” (main supervisor: Jesper Hallas, University of Southern Denmark)

Member of PhD evaluation committee

2022 Mirjam Hempenius, Utrecht University
Thesis title: “Drug exposure assessment in pharmacoepidemiological database studies - Reporting and impact of exposure misclassification”
Promotors: Olaf H. Klungel & Anthonius de Boer, Utrecht University

2021 Satu Johanna Siiskonen, University of Helsinki
Thesis title: “Observational studies on skin cancer risk: Focus on genetics, alcohol and phototoxic medicines.”
Main supervisor: Helga Gardarsdottir, Utrecht University

2020 Manon Cairat, Université de Lyon and the International Agency for Research on Cancer
Thesis title: “Inflammation and breast cancer risk in the EPIC cohort”
Main supervisor: Laure Dossus, Université de Lyon

Maria Keilow, Aarhus University
Thesis title: “Children’s mental health and educational opportunity – exploring socioeconomic aspects of ADHD”
Main supervisor: Carsten Obel, Aarhus University

2019 Pirathiv Kugathan, Aalborg University
Thesis title: “Somatic morbidity and mortality in patients with schizophrenia”
Main supervisor: René Ernst Nielsen, Aalborg University

Peer-review

High-ranking general journals

New England Journal of Medicine (NEJM); The Lancet; British Medical Journal (BMJ); Journal of the American Medical Association (JAMA).

High-ranking specialist journals

Journal of the American College of Cardiology (JACC); Lancet Rheumatology; Thorax; Clinical Journal of the American Society of Nephrology (CJASN); Lancet Child and Adolescent Health; Acta Psychiatrica Scandinavia; JAMA Pediatrics; JAMA Psychiatry.

Epidemiological journals

Epidemiology; American Journal of Epidemiology; Clinical Epidemiology; Pharmacoepidemiology and Drug Safety.

Pharmacological journals

British Journal of Clinical Pharmacology; European Journal of Clinical Pharmacology; Basic and Clinical Pharmacology and Toxicology; Drug Safety.

Other minor journals

British Journal of Cancer; North American Journal of Medical Sciences; Drugs in R&D; Neuropsychiatric Disease and Treatment; Journal of Sleep Research; African Journal of Pharmacy and Pharmacology; Acta Odontologica; BMJ Open; Journal of Clinical Psychiatry; Psychopharmacology; Journal of Clinical Psychopharmacology; European Journal of Internal Medicine; Canadian Journal of Cardiology; Environmental Health; Medicine; European Journal of Hospital Pharmacy; International Journal of Clinical Pharmacy; International Journal of Cardiology; American Journal of Cardiology; Journal of The European Academy of Dermatology and Venereology; Drugs & Aging; BMC Medicine.

Responsibilities and service at University of Southern Denmark

2021-Present	Part of department leadership (Clinical Pharmacology, Pharmacy and Environmental Medicine, University of Southern Denmark) representing the pharmacoepidemiology group within the department
2020	Appointed responsibility for the transition of teaching activities to online platforms during the covid-19 pandemic at the Faculty of Health, University of Southern Denmark
2019-Present	Head of Study at the Pharmacy education, University of Southern Denmark
2017-Present	Reviewer for applications for enrollment to the PhD program at the University of Southern Denmark
2017-2019	Vice-Head of Study at the Pharmacy education, University of Southern Denmark
2016-Present	Teaching various courses at the PhD School at the Faculty of Health
2016-Present	Course lead for “Evidence-based medicine and biostatistics”, a Master’s course for pharmacy students with clinical specialization.

Invited presentations to conferences and meetings

2021	Fall meeting in the Danish Epidemiology Society (Nyborg, Nov 26) Talk: “Epidemiological assessment of the risks of VITT with ChAdOx1-S”
	Webinar in celebration of the 90th anniversary of National Cheng Kung University, Taiwan (Online, Sep 30) Talk: “Dicloxacillin: A translational tale”

CAN-AIM and CANRAD Network Webinar (Online, May 10)

Talk: "The DACCOVD Project"

Webinar on "Vaccination against COVID-19 and VITT" hosted by the Danish Health Authority (Online, Apr 29)

Talk: "Arterial events, venous thromboembolism, thrombocytopenia, and bleeding after Oxford-AstraZeneca COVID-19 vaccination: A Danish-Norwegian cohort study"

Midyear meeting in the International Society for Pharmacoepidemiology (Online, Apr 19)

Talk: "Personal development: Who's got your ear?"

2020

Webinar on "Personalized Medicine and Digital Biomarkers" hosted by Danish Welfare Tech and BioPeople (Online, Dec 18)

Talk: "Personalized Medicine, input from a sceptic"

Special Symposium on the occasion of the 20th anniversary of Drug Safety Research Unit (DSRU) Education and Training (Online, available Nov 30)

Talk: "The Danish Health Care Registries, hypothesis-free screening, and hydrochlorothiazide"

Annual meeting in the Danish Society for Theoretical Statistics (Online, Nov 24)

Talk: "Danish pharmacoepidemiological studies in Covid-19 (DACCOVID)"

Webinar hosted by Danish Ministry of Foreign Affairs, Invest in Denmark and the Danish Association of the Pharmaceutical Industry (Online, Nov 18)

Talks: "Danish healthcare registries" and "Danish pharmacoepidemiological studies in Covid-19 (DACCOVID)"

Annual meeting in the Danish Society for Pharmacoepidemiology (Online, Oct 26)

Talk: "Danish pharmacoepidemiological studies in Covid-19 (DACCOVID)"

Annual residential course for Young Physicians (Yngre Læger) in Region of Southern Denmark (Vejle, Denmark, Feb 29)

Talk: "Use of social media (SoMe) for science dissemination"

Annual meeting in the Danish Society of Pharmacology (Odense, Denmark, Jan 15)

Workshop: "Introduction to Pharmacoepidemiology"

2019

Network meeting in the Danish Network for Research and Development of Pharmacy Practice (Copenhagen, Denmark, Nov 22)

Talk: "Disseminate your findings!"

Network meeting in Capital Region's network for communication specialists (Bispebjerg, Denmark, Oct 9)

Talk: "Responsible dissemination of research findings"

Network meeting in PharmaDanmark's Network for Young Researchers (Copenhagen, Denmark, May 2)

Talk: "Disseminate your findings!"

Webinar hosted by the International Society for Pharmacoepidemiology (Online, Feb 14)

Talk: "Considerations for drug-cancer association studies"

1-day conference "Hypertonie 2019" (Agaplesion Markus Krankenhaus, Frankfurt, Germany, Feb 13)

Talk: "Use of hydrochlorothiazide and risk of skin cancer"

Annual meeting in the Danish Society of Pharmacology (Odense, Denmark Jan 17)

Talk: "Responsible dissemination of research findings"

Workshop: "Translational research in pharmacoepidemiology"

2018

Galderma Nordics Dermatological Symposium (Kolding, Denmark, Oct 26-27)

Talk: "Use of hydrochlorothiazide and risk of skin cancer"

Meeting on 'Responsible dissemination of research findings' hosted by the Danish Medicines Agency and the Danish Society for Pharmacoepidemiology (Copenhagen, Denmark, Oct 10)

Talk: "Dissemination of research findings: the case of hydrochlorothiazide and skin cancer"

Annual meeting in the Danish Society for Hypertension (Kalundborg, Denmark, April 13-14)

Talk: "Thiazide diuretics and skin cancer"

Annual meeting in the Danish Society for Clinical Pharmacology (Nyborg, Denmark, April 6)

Talk: "The impact of an in-hospital multifaceted clinical pharmacist intervention on the risk of readmission: A Randomized Clinical Trial"

2017

Annual meeting in the Danish Society for Clinical Pharmacology (Århus, Denmark, Apr 21)

Talk: "Screening for drug-drug interactions with anticoagulant treatment"

2016

Nordic Conference on Real World Data (Helsinki, Finland, Nov 30)

Talk: "The reality of real-world data in a Nordic context – Possibilities and barriers for collaboration between academia and industry"

Evening seminar organized by PharmaDanmark (Copenhagen, Denmark, Nov 8)

Talk: "Research in community pharmacies"

2015

29th IGSLi Conference in the International Group For The Study of Lithium Treated Patients (Aarhus, Denmark, Sep 11)

Talk: "Long-term lithium use and risk of renal and upper urinary tract cancer"

- 2014 **Annual meeting “Pharma På Tværs” (Copenhagen, Denmark, Nov 8)**
Talk: “Use of big (fat Danish) data in pharmacoepidemiology”
- 43rd international symposium by the European Society for Clinical Pharmacy (Copenhagen, Denmark, Oct 23)**
Talk: “How to academize clinical pharmacy – research in community pharmacies”
- 2013 **Anniversary meeting for Pharma+ (Copenhagen, Denmark, May 26)**
Talk: “Treatment of ADHD in Denmark: the overview that was lost...”
- Annual meeting in the Danish Society of Pharmacology (Odense, Denmark, Jan 16)**
Talk: “Drugs used against ADHD: Two pharmacoepidemiological studies”

Invited external guest lectures and courses

- 2021 **Internal seminar “Biologics Seminar Series” at the Department of Pharmacy, Copenhagen University (Online, Nov 17)**
Talk: “The Danish COVID-19 cohort: Nationwide collaboration supporting international regulatory decision making”
- Specialist training for clinical pharmacologists (Odense, Aug 25)**
Talk: “Dissemination”
- Internal seminar at the Department of Clinical Pharmacology at Bispebjerg Hospital (Bispebjerg, Jul 2)**
Talk: “Arterial events, venous thromboembolism, thrombocytopenia, and bleeding after vaccination with Oxford-AstraZeneca ChAdOx1-S in Denmark and Norway: population based cohort study”
- Webinar series “COVID-19 Real-World Data Analysis and Vaccine Surveillance: Examples from FDA and The Danish Medicines Agency’s Approaches”, hosted by Drug Information Association (DIA) (Online, Jun 2)**
Talk: “Arterial events, venous thromboembolism, thrombocytopenia, and bleeding after vaccination with Oxford-AstraZeneca ChAdOx1-S in Denmark and Norway: population based cohort study”
- Webinar series “Routinely collected health care data and policy making”, hosted by the University of Basel (Online, May 26)**
Talk: “Danish Health care Registries”
Talk: “Creative use of real-world data”
- Intro to Pharmacoepidemiology, hosted by Danish Society for Pharmacoepidemiology (Online, May 20)**

Full 4-hour introductory course covering the basis of pharmacoepidemiology. The course was recorded and is available [HERE](#).

Post-graduate training for general practitioners: The nursing home physician, Hindsgavl (Hindsgavl, May 19 & Dec 1)

Talks: "Use of medicine in nursing homes", "Approaches to medication reviews", "Barriers for deprescribing" and "Resources for deprescribing"

Internal workshop at the Danish Medicine Agency, Copenhagen (Copenhagen, May 12)

Talk: "Drug safety: Hypothesis-generating screening studies"

Talk: "Drug safety: Expedited pharmacoepidemiological analyses of emerging hypotheses"

Internal workshop at the Department of Clinical Pharmacology, Aarhus University Hospital (Online, May 4)

Talk: "Does your prescription medicine give you cancer?"

2020 **Internal seminar at the Department of Medical Pharmacology, Toulouse University Hospital, France (Nov 16)**

Talk: "Adverse outcomes and mortality in users of non-steroidal anti-inflammatory drugs who tested positive for SARS-CoV-2: A Danish nationwide cohort study"

Internal seminar at Brigham and Women's Hospital and Harvard Medical School, US (Sep 22)

Talk: "Danish pharmacoepidemiological studies in Covid-19 (DACCOVID)"

ICPE All Access, Annual meeting in the International Society for Pharmacoepidemiology (Online, fall of 2020)

Pre-conference course: "Introduction to pharmacoepidemiology"

Pre-conference course: "Cancer-pharmacoepidemiology"

Meeting in the Academy for Talented Youth (Online, Aug 17)

Talk: "Introduction to Health Research"

Internal seminar at the Danish Medicines Council (Copenhagen, Denmark, Jan 28)

Talk: "Pharmacoepidemiology (an introduction)"

2019 **Internal seminar at the Danish Medicines Agency (Copenhagen, Denmark, Dec 6)**

Talk: "Pharmacoepidemiology to support regulatory decision making"

Internal seminar at Department of Clinical Pharmacology, Bispebjerg Hospital (Copenhagen, Denmark, Nov 11)

Talk: "Drug safety monitoring using big data"

Specialty training ("A-kursus") for physicians in Clinical Pharmacology (Odense, Denmark, Oct 21-23)

3-day course: "Pharmacoepidemiology"

Annual meeting in the International Society for Pharmacoepidemiology (Philadelphia, US, Aug 23-29)

Pre-conference course: "Introduction to pharmacoepidemiology"

Pre-conference course: "Cancer-pharmacoepidemiology"

Courses organized by the Danish Society for Pharmacoepidemiology

1-day course: "Basic Pharmacoepidemiology" (Odense, Denmark, Nov 19)

2-day course: "Advanced Pharmacoepidemiology" (Copenhagen, Denmark, May 5)

Midyear meeting in the International Society for Pharmacoepidemiology (Rome, Italy, Apr 7)

Pre-conference course: "Introduction to pharmacoepidemiology"

2018 **Internal seminar at the Danish Cancer Society (Copenhagen, Denmark, Nov 23)**

Talk: "(onco)Pharmacoepidemiology"

Internal meeting at Department of Clinical Pharmacology, Bispebjerg Hospital (Copenhagen, Denmark, Nov 23)

Talk: "Use of prescription drugs and risk of cancer"

Hot Topic Webinar hosted by the Danish Society for Pharmacoepidemiology (Online, Oct 26)

Talk: "Use of antipsychotics and risk of breast cancer: A Danish nationwide case-control study"

Steering Committee meeting in Medicine Without Harm Denmark (Copenhagen, Denmark, Oct 24)

Talk: "The impact of an in-hospital multifaceted clinical pharmacist intervention on the risk of readmission: A Randomized Clinical Trial"

Midyear meeting in the International Society for Pharmacoepidemiology (Toronto, Canada, Apr 22)

Pre-conference course: "Introduction to pharmacoepidemiology"

Course organized by the Danish Society for Pharmacoepidemiology (Odense, Denmark, Mar 20)

1-day course: "Basic Pharmacoepidemiology"

2017 **Internal meeting at the Section for Clinical Epidemiology, Frederiksberg Hospital (Copenhagen, Denmark, May 10)**

Talk: "Introduction to use of propensity scores"

Midyear meeting in the International Society for Pharmacoepidemiology (London, UK, Apr 2)

Pre-conference course: "Waiting Time Distribution – There and Back Again"

- 2016 **Internal meeting at the Section for Clinical Epidemiology, Frederiksberg Hospital (Copenhagen, Denmark, Oct 12)**
Talk: "Clinical Pharmacology and Pharmacy - methods tapas and oncopharmacoepidemiology"
- 2015 **Master's course at the University of Copenhagen (Copenhagen, Denmark, Jan 8)**
Title: "Danish Prescription Registries"
- 2013 **Workshop for emergency medicine researchers in Region Zealand and Region of Southern Denmark (Middelfart, Denmark, Sep 19)**
Talk: "Propensity scores and some..."
- Specialty training ("A-kursus") for physicians in Clinical Pharmacology (Odense, Denmark, Oct 28-30)**
3-day course: "Pharmacoepidemiology"
- Afternoon seminar in Section for Clinical Pharmacy, the Danish Pharmaceutical Society (Copenhagen, Denmark, June 6th)**
Title: "Establishing projects in the community pharmacy"
- Course for clinical pharmacists at Pharmakon (Hillerød, Denmark, Aug 12)**
Title: "Treatment of ADHD in Denmark, the overview that was lost"
- 2012 **Evening seminar for general practitioners (Copenhagen, Denmark, October 29)**
Course title: "Clinical pharmacy in general practice"
- 2011 **Evening seminar for general practitioners (Copenhagen, Denmark, October 24)**
Course title: "Medication review in general practice"

Accepted conference presentations (orals, symposias and workshops)

- 2021 **Asian conference on pharmacoepidemiology (ACPE), the 13th Asian conference on pharmacoepidemiology by the International Society for Pharmacoepidemiology (Online Oct 14)**
Oral: "Danish pharmacoepidemiological studies in Covid-19 (DACCVID)"
- 2020 **ICPE All Access, Annual meeting in the International Society for Pharmacoepidemiology (Online, fall of 2020)**
Symposium: "Drug-drug-interactions, twice the fun (or more!)"
Symposium: "Trial participants vs. real-world users of medicines: How different are they really and does it matter?"
Oral: "Danish pharmacoepidemiological studies in Covid-19 (DACCVID)"
Oral: "Use of hydrochlorothiazide and risk of uveal melanoma"
- 2019 **Annual meeting in the International Society for Pharmacoepidemiology (Philadelphia, US, Aug 23-29)**

Workshop: "Rare cancers (consideration for drug-cancer studies)"
Oral: "Use of SSRIs and risk of subdural hematoma"

2017 **Annual meeting in the International Society for Pharmacoepidemiology (Montreal, Canada, Aug 25-31)**

Symposium: "A practical guide to implementing Sequence Symmetry Analysis; A tool for conducting studies in the Asian Pharmacoepidemiology Network (AsPEN)"
Symposium: "Improving screening of adverse drug events in large electronic healthcare databases"
Oral: "Use of hydrochlorothiazide and risk of skin cancer"
Oral: "Association of antithrombotic drug use with subdural hematoma risk"

Annual meeting in the Danish Society of Pharmacology (Odense, Denmark, Jan 18)

Oral: "Use of hydrochlorothiazide and risk of skin cancer"

2015 **Annual meeting in the Nordic Pharmacoepidemiological Networks (NorPEN) (Odense, Denmark, November 13-14)**

Oral: "Screening for carcinogenic or chemopreventive effects of prescription drugs"
Oral: "Long-term lithium therapy and risk of renal and upper urinary tract cancer"

Annual meeting in the International Society for Pharmacoepidemiology (Boston, US, Aug 23-27)

Oral: "Long-term lithium therapy and risk of renal and upper urinary tract cancer"

2014 **Annual meeting in the Danish Society for Pharmacoepidemiology (Odense, Denmark, Apr 10)**

Oral: "Use of GLP-1 analogues in Denmark"

2013 **Annual meeting in the Danish Society for Pharmacoepidemiology (Copenhagen, Denmark, Sep 23)**

Oral: "Children's relative age in class and stimulant drug use for ADHD: A Danish nationwide study"

2012 **Annual meeting in the Danish Society for Pharmacoepidemiology (Copenhagen, Denmark, Mar 7)**

Oral: "Use of benzodiazepines or benzodiazepine related drugs and the risk of cancer: a population-based case-control study"