

The 28th Norwegian Conference on Epidemiology

26th - 27th October 2022

Scandic Ishavshotel, Tromsø, Norway

Translating epidemiological research into public health

Programme overview

Wednesday, 26th October

08:00-12:00	Registration at reception area
09:00– 9:15	Welcome and opening. <i>Room: Panorama</i> NOFE leader Marie W. Lundblad
9:15– 10:00	Ann Ragnhild Broderstad (keynote) – Implementing participatory research in a multiethnic landscape - The SAMINOR Study. <i>Room: Panorama</i> Chair/ co-chair: Laila A. Hopstock/ Marie W. Lundblad
10:00– 10:15	Coffee break with refreshments
10:15 – 11:30	Oral presentations of submitted abstracts – part 1: <i>Cancer A1-A5. Room: Panorama</i> <i>Methods B1-B5. Room: Nansen</i> <i>Pharmacoepidemiology C1-C5. Room: Rudi</i> <i>Socioeconomic status and health D1-D4. Room: Gjøa</i>
11:30 – 12:30	Lunch
12:30 - 13:15	Maarten van Smeden (keynote) – Improving epidemiological research: avoiding the statistical paradoxes and fallacies that nobody else talks about. <i>Room: Panorama</i> Chair/ co-chair: Marko Lukic/ Jonas Johansson
13:15 – 13:30	Coffee break
13:30 – 14:15	Ann Kristin Skrindo Knudsen and Benjamin Clarsen (plenary) – The use and expansion of results from the Global Burden of Disease Study in Norway. <i>Room: Panorama</i> Chair/ co-chair: Anne Elise Eggen/ Ilona Urbarova
14:15 – 15:00	Poster viewing and coffee break with refreshments. <i>Room: Ishavet 1</i> Please see overview of abstracts for the posters page 63 – 77 in the abstract booklet
15:00 – 16:30	Paper of the year and Honorary membership awards. <i>Room: Panorama</i> Chairs: NOFE secretary Christine L. Parr and NOFE leader Marie W. Lundblad
16:30 – 16:40	Coffee break
16:40 – 17:30	NOFE annual meeting. <i>Room: Nord-Norge</i>
19:00	Welcome drink at Scandic Ishavshotel, Tromsø (bar on the 2 nd floor)
19:30	Conference dinner at Scandic Ishavshotel, Tromsø. <i>Room: Panorama</i>

Thursday, 27th October

- 09:00- 9:45 **Jo Røislien (keynote) – Pandemic communication - a balancing act.** *Room: Panorama*
Chair/ co-chair: Linda Ernstsén/ Bente E. Schøning
- 9:45 – 10:00 **Coffee break** with refreshments
- 10:00 – 11:30 **Oral presentation of submitted abstracts – part 2:**
Cancer A6-A11. *Room: Panorama*
Nutrition/ lifestyle B6-B11. *Room: Nansen*
Mental health C6-C11. *Room: Rudi*
Reproductive health D5-D10. *Room: Gjøa*
- 11:30 – 12:30 **Lunch**
- 12:30– 13:15 **Nanna Lien (keynote) – The use of data in developing, implementing and evaluating public health interventions and policies.** *Room: Panorama*
Chair/ co-chair: Guri Skeie/ Christine L. Parr
- 13:15 – 13:45 **Coffee break** with refreshments
- 13:45 – 14:45 **Oral presentation of submitted abstracts – part 3:**
Covid-19 A12-A14. *Room: Panorama*
CVD B12-B15. *Room: Nansen*
Physical activity C12-C15. *Room: Rudi*
Occupational health/ health care services D11-D14. *Room: Gjøa*
- 14.45 – 15:00 **Closing of the conference.** *Room: Panorama*
NOFE leader Marie W. Lundblad

Scientific Programme for Parallel Sessions

Oral presentations of submitted abstracts – part 1

Wednesday, 26th October 10:15 - 11:30

Theme: Cancer			
Time	No.	Room: Panorama Chair/ co-chair: Karina Standahl Olsen/ Marko Lukic	Presenters
10:15	A1	Menopausal hormone therapy and breast cancer risk: a population-based cohort study in Norway	Nathalie C Støer
10:30	A2	Parity and cumulative incidence of breast cancer in the Norwegian Woman and Cancer Study (NOWAC)	Sanda Krum-Hansen
10:45	A3	No impact of parity on global gene expression levels in breast cancer tissue and normal breast tissue - a nested case-control study in the NOWAC Postgenome biobank	Eiliv Lund
11:00	A4	Low-dose aspirin and risk of breast cancer: a Norwegian nationwide population-based study	Lukas Løfling
11:15	A5	BMI, weight-changes, and blood gene-expression among cancer-free women: the Norwegian Women and Cancer (NOWAC) postgenome cohort	Nikita Baiju
Theme: Methods			
Time	No.	Room: Nansen Chair/ co-chair: Tom Wilsgaard/ Christian Page	Presenters
10:15	B1	A validation of register derived diagnoses of interstitial lung disease in patients with inflammatory arthritis. Data from NOR-DMARD	Sella Aarrestad Provan
10:30	B2	Comorbidity among elderly hospitalized patients assessed by different approaches – the IMMENSE study	Marit Waaseth
10:45	B3	Developing a 10-year survival prediction model based on the Norwegian drug prescription registry	Muhammad Eid
11:00	B4	A Lean Additive Frailty Model: With an Application to Clustering of Melanoma in Norwegian Families	Mari Brathovde
11:15	B5	Development of a prognostic model for predicting quality of life decline in head and neck cancer survivors	Maurício Moreira-Soares
Theme: Pharmacoepidemiology			
Time	No.	Room: Rudi Chair/ co-chair: Anne Elise Eggen/ Christine L. Parr	Presenters
10:15	C1	Exploring the accessibility of Norwegian pharmacies before and after the liberalization of the pharmacy market	Mohsen Askar
10:30	C2	Association between use of low-dose aspirin and detection of colorectal polyps and cancer in a screening setting	Sara Nafisi
10:45	C3	Treatment of advanced non-small cell lung cancer patients with immunotherapy and targeted therapy in Norway	Helga H Hektoen

11:00	C4	Risk of antidepressant drug initiation among users of cardiovascular agents and metformin. Findings from the Trøndelag Health Study (HUNT) and Norwegian Prescription Database (NorPD), Norway	Ivana Bojanić
11:15	C5	Time-varying exposure to anti-osteoporosis drugs and risk of first-time hip fracture - a population wide study within the Norwegian Epidemiologic Osteoporosis Studies (NOREPOS)	B. Solvor L. Riska

Theme: Socioeconomic status and health			
Room: Gjøa			
Chair/ co-chair: Laila A. Hopstock/ Linn Nilsen			
Time	No.		Presenters
10:15	D1	The association between educational attainment and premature mortality – A comprehensive burden of disease analysis	Carl Michael Baravelli
10:30	D2	Secular trends in body height according to educational level - A descriptive study from The Tromsø Study 1979-2016	Sondre Haakonson Arntsen
10:45	D3	The relation between average level of education among all first-degree family members and risk of cardiovascular and all-cause mortality	Huong Nguyen Thu
11:00	D4	Direct and indirect effects of socioeconomic status on sepsis risk and mortality: a mediation analysis of the HUNT Study	Vilde H Stensrud

Oral presentations of submitted abstracts – part 2

Thursday, 27th October 10.00 - 11.30

Time	No.	Theme: Cancer Room: Panorama Chair/ co-chair: Marit Veierød/ Kristin Benjaminsen Borch	Presenters
10:00	A6	Cancer epidemiology in practice: Working notes on cancer history-based selection and censoring.	Leon AM Berge
10:15	A7	Establishment of a multi-source cohort of head and neck cancer patients with biomarkers and clinical outcomes - challenges, solutions and perspectives	Erlend IF Fossen
10:30	A8	Age at menarche, age at natural menopause and risk of lung and colorectal cancers in Norwegian women: a Mendelian randomization analysis in the HUNT Study	Marion Denos
10:45	A9	Epidemiology of gliomas in Norway: a 15-year registry-based study	Mohammad Jalil Sharifian
11:00	A10	Profiles of mental health and its characteristics in childhood and young adult cancer survivors – the NOR-CAYACS study	Wei H Deng
11:15	A11	Smoking and Pancreatic Cancer in the Multiethnic Cohort study	Inger T Gram
Time	No.	Theme: Nutrition/lifestyle Room: Nansen Chair/ co-chair: Guri Skeie/ Bjarne Jakobsen	Presenters
10:00	B6	Benefit and risk assessment of fish in the Norwegian diet	Christine L Parr
10:15	B7	Dietary magnesium intake among community-dwelling older adults in Oslo, Norway	Archana Sivaramakrishnan
10:30	B8	Individualized nutrition plans and risk of death in older health care service users with chronic diseases	Kristin I Folven
10:45	B9	The association of serum vitamin D with dental caries and periodontitis in Norwegian adults: The HUNT Study	Ernest Obeng Asante
11:00	B10	The dose-response relationship of premenopausal alcohol consumption with age at menopause: a population study of 280,497 women in Norway	Julie R Langås
11:15	B11	Potentially traumatic events and hazardous alcohol use in a large general population sample: The Tromsø Study 2015-2016.	Vendela Husberg
Time	No.	Theme: Mental health Room: Rudi Chair/ co-chair: Kristin H. Vinjerui/ Ragnhild B. Strandberg	Presenters
10:00	C6	Social anxiety and school absenteeism among adolescents; from student behavioral engagement perspective; evidence from Young-HUNT3 and Statistics Norway	Malik D. Halidu
10:15	C7	Upper secondary school completion in adolescents with social anxiety - A follow-up of the Young-HUNT3 Cohort, Norway	Ingunn Jystad

10:30	C8	Explaining variance in self-efficacy among adolescents: the association between quality of life, social support, and self-efficacy	Annette Løvheim Kleppang
10:45	C9	Educational attainment and mental health: analysing the impact of early-life family factors	María Fernanda Vinueza-Veloz
11:00	C10	Preventative association of antidepressant treatment in pregnant women with eating disorders on antenatal mental outcomes - results from Norwegian Mother, Father, and Child Cohort Study	Milica Zugic
11:15	C11	Veterans from early peacekeeping operations – how are they doing?	Elin Anita Fadum

Theme: Reproductive health			
Room: Gjøa			
Chair/ co-chair: Maria Magnus/ Rolv Terje Lie			
Time	No.		Presenters
10:00	D5	Cesarean section, pregnancy complications and subsequent fertility	Yeneabeba Tilahun Sima
10:15	D6	Male-female genetic interactions influencing fertility	Siri Nærland Skodvin
10:30	D7	Environmental Exposure and Time to Pregnancy: The Norwegian Mother, Father, and Child Cohort Study	Thea Grindstad
10:45	D8	Reproductive outcomes in women and men conceived by assisted reproductive technologies	Ellen Øen Carlsen
11:00	D9	Association of parental subfertility with offspring cardiometabolic health trajectories from birth to 25 years: pooled analysis of three European pregnancy cohorts	Álvaro Hernáez
11:15	D10	Long interpregnancy interval and increased risk of cardiovascular disease death after preterm preeclampsia: a population-based cohort study from the Medical Birth Registry of Norway	Sage Wyatt

Oral presentations of submitted abstracts – part 3

Thursday, 27th October 13:45 - 14:45

Time	No.	Theme: Covid-19 Room: Panorama Chair/ co-chair: Eiliv Lund/ Jannicke Iglund	Presenters
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13:45	A12	Challenges in planning and conducting evidence based studies in a pandemic: are RCTs really the gold standard?	Erica Ponzi
14:00	A13	The impact of nosocomial bacterial co-infections on the mortality of COVID-19 patients	Maiju Pesonen
14:15	A14	Long COVID after Omicron: Results from MoBa	Ida Henriette Caspersen

Time	No.	Theme: CVD Room: Nansen Chair/ co-chair: Laila A. Hopstock/ Linda Ernstsens	Presenters
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13:45	B12	Geographical variation in cardiovascular disease mortality in Norway: the role of life course socioeconomic position and family factors	Hye Jung Choi
14:00	B13	Cardiovascular risk factors and infertility	Karoline H. Skåra
14:15	B14	Hypothetical interventions and risk of atrial fibrillation in a general population of adults. Application of parametric g-formula to the Tromsø Study.	Linn Nilsen
14:30	B15	Age at onset and duration of adverse lipid levels before incident myocardial infarction. A study based on longitudinal data from the Tromsø Study 1974-2016	Grethe Albrektsen

Time	No.	Theme: Physical activity Room: Rudi Chair/ co-chair: Jonas Johansson/ Tom Ivar Lund Nilsen	Presenters
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13:45	C12	Device-measured and self-reported physical activity in adult offspring: The effect of physical active parents and genetic predisposition in the HUNT Study	Mats Flaaten
14:00	C13	Associations between accelerometer-measured physical activity and left atrial size in a general population: The Tromsø Study 2015-16	Kim Arne Heitmann
14:15	C14	The relationship between physical activity and cuff-pressure algometry tolerance: The Tromsø Study 2015-2016	Anders P Årnes
14:30	C15	Physical activity and mortality: Effect modification by sedentary time. An individual participant data analysis of four cohorts with accelerometry measured physical activity	Edvard H Sagelv

Time	No.	Theme: Occupational health/ Health care services Room: Gjøa Chair/ co-chair: Eva Kristin Biringer/ Christian Page	Presenters
13:45	D11	Status of knowledge and knowledge gaps in associations between occupational exposures and their health effects: inform priority setting	Ingrid Sivesind Mehlum
14:00	D12	Occupational differences in working life expectancy and working years lost in Nordic countries	Karina Udem
14:15	D13	Gender-specific impact of a population-level agreement for a more inclusive working life on maintaining paid employment and reoccurring sickness absence: A Norwegian cohort study	Rachel L Hasting
14:30	D14	Utilization of a primary emergency clinic in Oslo by pregnant undocumented migrants compared to pregnant residents of Norway	Frode Eick