

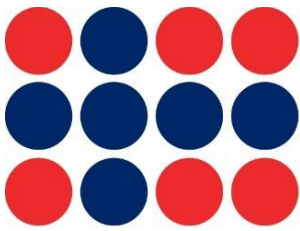
Modern epidemiology, methods, and education

NOFE conference 2023

Parallel session A 15. November 2023 kl 12:00 – 12:55

Epidemiological methods

- 12:00 A1: **Tore Hofstad** *Causal modelling of long term outcomes following compulsory inpatient and outpatient mental health care using Norwegian registry data: presentation of a Controversies in Psychiatry research project*
- 12:10 A2: **Stian Lydersen** *Constrained longitudinal analysis of repeated measurements in an RCT: How to handle subgroups*
- 12.20 A3: **Karoline Moe** *The influence of body mass index (BMI) on the risk of long-term sick leave using offspring BMI as an instrumental variable*
- 12.30 A4: **Catharina Stoltenberg** *Estimating causal effects of treatment strategies on multi-state outcome processes: with application to opioid use after traumatic injury*
- 12.40 A5: **Lin Jiang** *Investigating the relationship of serum 25-hydroxyvitamin D with blood pressure and hypertension risk in The HUNT Study: Using traditional observational and Mendelian randomization approaches*



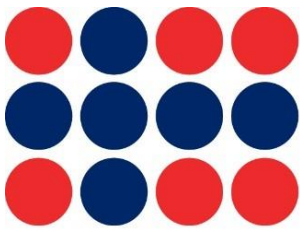
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Parallel session B 15. November 2023 kl 12:00 – 12:55

Infection and clinical dental epidemiology

- 12:00 B1: **Terese Bekkevold** The distribution of HPV genotypes in cervical cancer and high-grade precancerous lesions at pre-vaccine baseline in Norway (Cancelled)
- 12:10 B2: **Nina Vibeche Skei** *Sepsis incidence, case fatality and trends in Norway from 2008 through 2021*
- 12.20 B3: **Sarala Banjara** *Association of the immune system activation markers Kynurenine-to-Tryptophan ratio (KTR) and neopterin with periodontitis*
- 12.30 B4: **Anne Lise Lund Håheim** *Are oral bacteria a causal factor in both cardiovascular disease and certain cancers?*



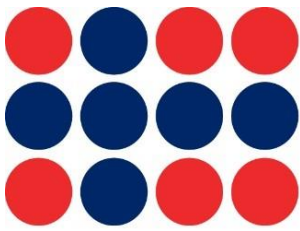
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Parallel session C 15. November 2023 kl 12:00 – 12:55

Reproduction epidemiology

- 12:00 C1: **Marion Denos** *Sex hormones and risk of lung and colorectal cancers in women: a two-sample Mendelian randomization study*
- 12:10 C2: **Elin Anita Fadum** *Pregnancies and Childbirths in Norwegian Military Women*
- 12.20 C3: **Eiliv Lund** *Grand-grand parity and hormone dependet cancers*
- 12.30 C4: **Hikaru Morooka** *Association between number of births, age at first birth and atrial fibrillation: the HUNT Study*
- 12.40 C5: **Frode Eick** *Perinatal mortality among pregnant undocumented migrants in Norway 1999-2020: a register-based population study*



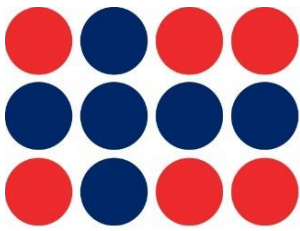
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Parallel session D 15. November 2023 kl 12:00 – 12:55

Pharmacoepidemiology

- 12:00 D1: **Anastasia Giorcelli** *Prenatal antidepressant trajectories and progression of clinical stages in the development of non-psychotic mental disorders in the offspring*
- 12:10 D2: **Julia Romanowska** *Drug-wide prospective study associates thirty-one drug classes with the risk of Parkinson's disease*
- 12.20 D3: **Siri Marie Solbakken** *The medication-based Rx-Risk Comorbidity Index and risk of hip fracture. A nationwide NOREPOS cohort study*
- 12.30 D4: **Angela Lupatelli** *Prenatal antidepressant exposure and body mass index trajectories up to 14 years of age in the offspring born to mothers with pre-pregnancy depression and/or anxiety*



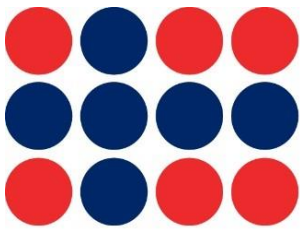
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Parallel session E 16. November 2023 kl 10:40 – 11:30

Social epidemiology

- 10:40 E1: **Ivana Bojanic** *Trends in health and sense of local belonging among older rural and urban residents from 1995 to 2019 – A linkage between the HUNT studies 2-4 and Statistics Norway*
- 10:50 E2: **Kristin Holvik** *Educational gradient in hip fracture incidence in Norway. The Norwegian Epidemiologic Osteoporosis Studies (NOREPOS)*
- 11:00 E3: **Gunnhild Åberge Vie** *Education and body mass index before and after the obesity epidemic – the HUNT Study*
- 11.10 E4: **Steinar Krokstad** *Trends in socioeconomic inequalities in self-rated health and mental distress during four decades in a Norwegian population: the HUNT Study*



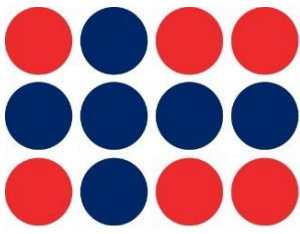
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Parallel session F 16. November 2023 kl 10:40 – 11:30

Clinical epidemiology

- 10:40 F1: **Rachel Bedenis** *Are prostate cancer patients in Norway just as likely as the general male population to receive guideline-recommended secondary preventative medical treatment after an acute myocardial infarction?*
- 10:50 F2: **Nils Leitzinger** *Uveal Melanoma Incidence and Survival in Norway, 1993–2021*
- 11:00 F3: **Lars Kjerpeseth** *NCD multimorbidity in Norway 2010-2020 – a NCDNOR study*
- 11.10 F4: **Raju Rimal** *Melanoma survival by tumour thickness in Norway, 1983–2019*
- 11:20 F5: **Abhijt Sen** *Risk of ischemic stroke after outpatient invasive procedure*



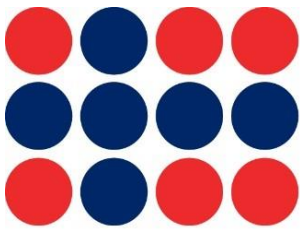
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Parallel session G 16. November 2023 kl 10:40 – 11:30

Environmental and occupational epidemiology

- 10:40 G1: **Leon Alexander Berge** *Exposure to dust and fibres and risk of pleural mesothelioma in 25,000 offshore oil industry workers.*
- 10:50 G2: **Rachel Louise Hasting** *Effect of the Norwegian Agreement on a More Inclusive Working Life on use of sick leave and pregnancy benefits among pregnant women: a cohort study*
- 11:00 G3: **Behzad Heibati** *Indirect adjustment of smoking in occupational studies of lung cancer: a systematic review of available methods and their use*
- 11.10 G4: **Jo steinson Stenehjelm** *Exposure to benzene and other hydrocarbons and risk of bladder cancer among male offshore petroleum workers.*
- 11:20 G5: **Nina Vibeche Skei** *Return to work after hospitalization for sepsis*



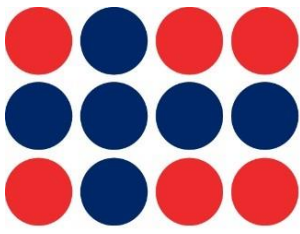
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Parallel session H 16. November 2023 kl 10:40 – 11:30

Reproductive epidemiology

- 10:40 H1: **Abdu Kedir Seid** *Vaginal bleeding during pregnancy and risk of cardiovascular diseases death: a register-based study in a national cohort of Norwegian mothers*
- 10:50 H2: **Liv Grimstvedt Kvalvik** *Pregnancy history at age 40 as a marker of cardiovascular risk*
- 11:00 H3: **Sage Wyatt** *Does pregnancy prevent breast cancer death if the fetus is stillborn? A population based cohort study*
- 11.10 H4: **Aditi Singh** *Adverse pregnancy outcomes in daughters born to mothers with preeclampsia*



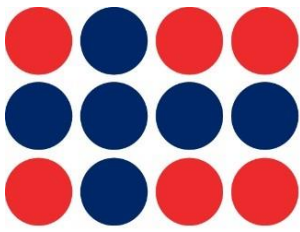
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Parallel session I 16. November 2023 kl 13:00 – 13:55

Nutritional and Lifestyle epidemiology

- 13:00 I1: **Linn Bøhler** *Does Lifestyle intervention reduce weight in adults? A controlled intervention study among women of Somali background in Norway.*
- 13:10 I2: **Rebecca Anne Hetland** *Social inequality in prevalence of NCD risk factors: The Tromsø Study (2015-2016)*
- 13:20 I3: **Fjorida Llahi** *Long-term alcohol consumption trajectories and associated factors in adult women. A comprehensive analysis of the Norwegian Women and Cancer Study 1991–2011*
- 13:30 I4: **Knut Eirik Dalene** *Clustering and trajectories of key noncommunicable disease risk factors in Norway – the NCDNOR project*
- 13:40 I5: **Natalie Anne Steen** *FarmMERGE: identifying unwell farmers so as to explore associations between farmer health and wellbeing and the health, welfare and productivity of their livestock*



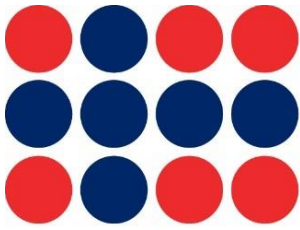
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Parallel session J 16. November 2023 kl 13:00 – 13:55

Social epidemiology

- 13:00 J1: **Kjersti Stormark Rabanal** *Trends in acute myocardial infarction among immigrant groups in Norway based on data from the NCDNOR-project*
- 13:10 J2: **Ernest Obeng Asante** *The association between cognitive function and oral health in home dwellers and nursing home residents: The HUNT Study*
- 13:20 J3: **Marianne Riksheim Stavseth** *Mortality in women released from Norwegian prisons: A 20-year National Cohort Study*
- 13:30 J4: **Geir Aamodt** *Associations between green space, perceived safety and municipal satisfaction among residents in Täby, Sweden: A NORDGREEN study*
- 13:40 J5: **Arya Panthalanickal Vijayakumar** *Higher education is associated with slower biological aging indexed by novel biomarker of cardiovascular aging based on electrocardiograms*



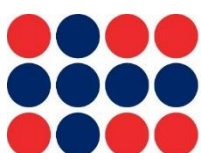
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Parallel session K 16. November 2023 kl 13:00 – 13:55

Mental health and Clinical epidemiology

- 13:00 K1: **Andreas Jangmo** *Depression severity and life years lost*
- 13:10 K2: **Berit Skretting Solberg** *The role of sex in presentation of ADHD symptoms in a clinical sample and the general Norwegian population*
- 13:20 K3: **Martin Tesli** *A comprehensive exploration of comorbidity patterns between mental disorders and non-communicable somatic diseases*
- 13:30 K4: **Marit Haram** *Studying the epidemiology depressive disorders using central health registries in a Nordic setting – the NCDNOR project*
- 13:40 K5: **Kathryn Christine Beck** *The Manipulation of Birth Timing and a Novel Approach to School Starting Age and ADHD*



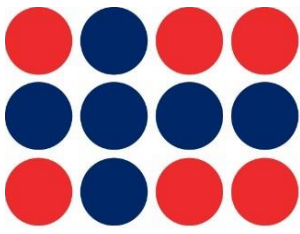
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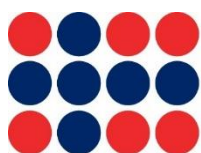
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Parallel session L 16. November 2023 kl 13:00 – 13:55

Genetics, education, lifestyle

- 13:00 L1: **Erlend Fossen** *External validation of prognostic and predictive gene signatures in head and neck cancer patients*
- 13:10 L2: **Siri Nærland Skodvin** *Family-based methods for identifying genes implicated in infertility and fetal viability*
- 13:20 L3: **Kristin Benjaminsen Borch** *Piloting development and integration of “hands on” epidemiological research projects into the curriculum within health professional and public health study programs – students and academic staff co-creation*
- 13:30 L4: **Elin Kristin Evensen** *Fit Futures – lifestyle and health in the transition from adolescence to adulthood*
- 13:40 L5: **Anne Lise Lund Håheim** *About cilia, alcohol, and microbes*



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