

The 26th Norwegian Conference on Epidemiology

Oslo November 13–14, 2019

Online Preliminary Program

Wednesday, November 13th

09:00	Registration at Nationaltheatret Konferansesenter, KS Agenda Poster mounting
09:45	Welcome and opening: NOFE leader Linda Ernstsén
09:55	Invited speaker: Prof. Debbie Lawlor, MRC Integrative Epidemiology Unit, University of Bristol, UK <i>“Exploring causal effects of early life exposures on health and development”</i>
10:45	Coffee break with refreshments
11:00	Oral presentations of submitted abstracts – 1: <i>Cohort session A1-A6 (Nordkapp)</i> <i>Cardiovascular diseases B1-B6 (Finse, Færder og Fredriksten)</i> <i>Infectious diseases C1-C6 (Stiklestad)</i>
12:30	Lunch
13:30	Publication of the year award and Honorary membership award
14:30	Coffee break
14:45	Oral presentations of submitted abstracts – 2: <i>Cohort session (cont.) A7-A11 (Nordkapp)</i> <i>Cancer B7-B11 (Finse, Færder og Fredriksten)</i> <i>Pregnancy C7-C11 (Stiklestad)</i>
16:00	Coffee break with refreshments
16:15	EPINOR-National research school in population based epidemiology (2013-2020) Prof. Torkjel Sandanger, EPINOR scientific coordinator
16:30-17:30	NOFE annual meeting
20:00	Conference dinner at DS Louise, Aker Brygge, Stranden 3, 0250 Oslo

Thursday, November 14th

09:00-09:50	Invited speaker: Prof. Gita Mishra, School of Public Health, University of Queensland, Australia <i>“Visualization and modelling changes in categorical variables in longitudinal studies”</i>
10:00	Oral presentations of submitted abstracts – 3: <i>Lifestyle: A12-A15 (Nordkapp)</i> <i>Mental health: B12-B15 (Finse, Færder og Fredriksten)</i> <i>Methods: C12-C15 (Stiklestad)</i>
11:00	Poster viewing and coffee break with refreshments <i>Posters P1-P9 (outside Nordkapp)</i>
11:30	Oral presentations of submitted abstracts – 4: <i>Skin cancer: A16-A19 (Nordkapp)</i> <i>Early life and adolescence: B16-B19 (Finse, Færder og Fredriksten)</i> <i>Musculoskeletal: C16-C19 (Stiklestad)</i>
12:30	Lunch
13:30	Invited speaker: Associate prof. Ruth Keogh, Dept. of Medical Statistics at the London School of Hygiene & Tropical Medicine, UK <i>“Estimating long-term treatment effects in observational data”</i>
14:20	Coffee break with refreshments
14:35	Oral presentations of submitted abstracts – 5: <i>Cancer (cont.): A20-A24 (Nordkapp)</i> <i>Reproductive epidemiology: B20-B24 (Finse, Færder og Fredriksten)</i> <i>Various topics: C20-C24 (Stiklestad)</i>
15:50	Closing of the conference

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Online Preliminary Program for Parallel Sessions

Oral presentations of submitted abstracts – 1

Nordkapp			
Time	No.	Cohort session Chairs: ...	Presenters
11:00	A1	The Cohort of Norway (CONOR) – past, present and future	Magnus, Per M
11:15	A2	The Tromsø Study 1974-2016	Grimsgaard, Sameline
11:30	A3	The HUNT Study since the 1980s, an expanding success	Krokstad, Steinar
11:45	A4	The Population-based Study on Health and Living in Regions with Sami and Norwegian Populations - the SAMINOR Study	Broderstad, Ann Ragnhild
12:00	A5	The Norwegian Women and Cancer Cohort (NOWAC)	Sandanger, Torkjel M
12:15	A6	Healthy Choices and the Social Gradient – research possibilities arising from collaboration between large population studies on health	Njølstad, Inger
Finse, Færder og Fredriksten			
Time	No.	Cardiovascular diseases Chairs:	Presenters
11:00	B1	Secondary prevention of cardiovascular disease needs improvement in men and women, with and without diabetes: The Tromsø Study 2015-16	Hopstock, Laila Arnesdatter
11:15	B2	Antibodies to specific oral bacteria differ in predicting cardiovascular disease mortality	Håheim, Lise Lund
11:30	B3	Management of modifiable cardiovascular risk factors (blood pressure and lipids) following diagnosis of Myocardial Infarction, Stroke and Diabetes: Comparison between Russia and Norway	Cook, Sarah
11:45	B4	Prevalence and incidence rates of atrial fibrillation in Norway 2004-2014 - a CVDNOR study	Ariansen, Inger
12:00	B5	Weight and weight change and risk of atrial fibrillation – the HUNT Study	Feng, Tingting
12:15	B6	Risk of acute myocardial infarction or stroke in the Sami and non-Sami populations in rural Norway—the SAMINOR Study	Siri Susanna Ragnhild Andersdatter

Oral presentations of submitted abstracts – 1

Stiklestad			
Infectious diseases			
Time	No.	Chairs:	Presenters
11:00	C1	Smokeless Tobacco and Carriage of <i>Staphylococcus aureus</i> ; The Tromsø Study - Fit Futures 1	Karlsen, Anna
11:15	C2	Atopic disease in relation to <i>Staphylococcus aureus</i> carriage and spa type distribution in a subarctic adult population	Devold, Jonas Arvola
11:30	C3	Quantifying the transmission dynamics of MRSA in the community and healthcare settings in a low-prevalence country: a modelling study	Di Ruscio, Francesco
11:45	C4	Parechovirus infections and increased risk of coeliac disease: nested case-control study within the MIDIA longitudinal birth cohort	Tapia, German
12:00	C5	Hospitalization with pandemic influenza and mortality in people with and without type 2 diabetes	Ruiz, Paz LD
12:15	C6	Genomic definition of the global pneumococcal population to contextualise disease, vaccine impact and antibiotic resistance	Gladstone, R.A.

Oral presentations of submitted abstracts – 2

Nordkapp			
Time	No.	Cohort session (continuing) Chairs...	Presenters
14:45	A7	The Norwegian Mother, Father and Child Cohort Study, an infrastructure for research	Vejrup, Kristine
15:00	A8	The Norwegian Environmental Biobank	Thomsen, Cathrine
15:15	A9	Population based Regional Health Studies – a ground for harvesting	Ariansen, Inger
15:30	A10	County Public Health Surveys – new resource for research?	Nilsen, Thomas
15:45	A11	The Norwegian Patient Registry and the Norwegian Registry for Primary Health Care: Research potential of two nationwide healthcare registries	Jensberg, Heidi
Finse, Færder og Fredriksten			
Time	No.	Cancer Chairs: ...	Presenters
14:45	B7	Does the increased risk of colorectal cancer (CRC) due to cigarette smoking differ by sex for the right – and left colon cancer as well as rectal cancer?	Gram, Inger T
15:00	B8	Body fatness and type 1 and type 2 endometrial cancer: The Norwegian Women and Cancer Study	Rylander, Charlotta
15:15	B9	Reproductive factors, exogenous hormone use and risk of pancreatic cancer – The Norwegian Women and Cancer Study	Borch, Kristin B
15:30	B10	A Healthy Lifestyle Index and associated risks of breast, lung and colon cancers in the Norwegian Women and Cancer study	Chen, Sairah L
15:45	B11	Urinary tract cancer incidence among males in the Norwegian Offshore Petroleum Workers (NOPW) cohort	Shala, Nita K
Stiklestad			
Time	No.	Pregnancy Chairs: ...	Presenters
14:45	C7	Women's risk of miscarriage according to chronic underlying conditions	Magnus, Maria Christine
15:00	C8	Introduction of fetal diagnostic technology: the impact on fetal death rates in Norway	Eskild, Anne
15:15	C9	Placental weight and risk of neonatal death	Dypvik, Johanne
15:30	C10	The Norwegian birthweight “hump” 1992-2007	Carlsen, Ellen Øen
15:45	C11	Associations between maternal vitamin D status in second and third trimester of pregnancy and offspring enamel hypomineralisation at 7-9 years: a longitudinal study	Børsting, Torunn

Oral presentations of submitted abstracts – 3

Nordkapp			
Time	No.	Lifestyle Chairs: ...	Presenters
10:00	A12	Salt intake estimated from 24-hour urine and spot urine collection in the Tromsø study 2015-16	Meyer, Haakon E
10:15	A13	Compliance to five-a-day in a Norwegian population. Daily intake of vegetables, fruits and berries and comparison with the Norwegian nutrition recommendations – The Tromsø Study 2015-16	Nilsen, Linn
10:30	A14	Is the ongoing overweight/obesity epidemic partly explained by concurrent decline in cigarette smoking? The Tromsø Study 1994 – 2016	Njølstad, Inger
10:45	A15	Physical activity and gene expression in the Norwegian Women and Cancer Post-genome Cohort	Lukic, Marko

Finse, Færder og Fredriksten			
Time	No.	Mental health Chairs: ...	Presenters
10:00	B12	Are psychosocial working conditions associated with suicide and deliberate self-harm? A register-based study of 420,895 Norwegians	Mehlum, Ingrid S
10:15	B13	Associations between human service work and mental disorders: causal or not? A registry-based study of Norwegians born 1967-1976	Kristensen, Petter
10:30	B14	Weight underestimation linked to anxiety and depression in a cross-sectional study of overweight individuals in a Sami and non-Sami Norwegian population: The SAMINOR Study	Kvaløy, Kirsti
10:45	B15	Insomnia prevalence varies substantially dependent on classification criteria: The Tromsø Study 2015-2016	Hopstock, Laila Arnesdatter

Stiklestad			
Time	No.	Methods Chairs: ...	Presenters
10:00	C12	Landmark estimation of transition probabilities - with an application to registry data on sickness absence and work	Maltzahn, Niklas
10:15	C13	Exploring the individually-randomised stepped wedge design for trials where all patients eventually receive the intervention	Olsen, Inge Christoffer
10:30	C14	Hypothetical interventions and risk of myocardial infarction in a general population of adults. Application of parametric g-formula to the Tromsø Study	Wilsgaard, Thomas
10:45	C15	Towards a composite index for socioeconomic position when studying health inequalities	Lindberg, Marie Hella

Oral presentations of submitted abstracts – 4

Nordkapp			
Time	No.	Skin cancer Chairs: ...	Presenters
11:30	A16	Skin cancer incidence among males and females in the Norwegian offshore petroleum workers (NOPW) cohort	Liu, FC
11:45	A17	Use of antidepressants and risk of cutaneous melanoma: A prospective case-control study	Berge, LAM
12:00	A18	DNA methylation profiles in blood in relation to melanoma in the Norwegian Women and Cancer study	Page, Christian M
12:15	A19	Sunscreen use and subsequent risk of cutaneous squamous cell carcinoma	Lergenmuller, Simon
Finse, Færder og Fredriksten			
Time	No.	Early life and adolescence Chairs: ...	
11:30	B16	Parent-offspring recurrence of attention-deficit/hyperactivity disorder	Solberg, Berit S
11:45	B17	Gluten intake in early life and risk of type 1 diabetes	Lund-Blix, Nicolai A
12:00	B18	Adolescent body composition in relation to birth weight and childhood growth patterns. The Tromsø study: Fit Futures	Evensen, Elin
12:15	B19	The association between objectively measured physical activity and longitudinal changes in body composition in adolescents; The Tromsø Study Fit Futures Cohort	Aars, Nils Abel
Stiklestad			
Time	No.	Musculoskeletal health Chairs: ...	Presenters
11:30	C16	Midlife bone mineral density loss in the distal forearm and subsequent mortality: findings from the population based Tromsø Study	Hauger, Annette V
11:45	C17	Individual Variation in Adaptive Immune Responses and Risk of Hip Fracture – A NOREPOS Population-Based Cohort Study	Dahl, J
12:00	C18	Hand-arm vibration syndrome: A 22-year follow-up study	Aarhus, Lisa
12:15	C19	Sickness absence duration in young adults with musculoskeletal and psychological diagnoses: impact of the Norwegian Agreement for a More Inclusive Working Life	Hasting, Rachel L

Oral presentations of submitted abstracts – 5

Nordkapp			
Time	No.	Cancer Chairs: ...	Presenters
14:35	A20	Associations between lifestyle factors and risk of bladder cancer, in a large population-based Norwegian cohort	Hektoen, Helga H
14:50	A21	Asthma, asthma control and incidence of lung cancer: the HUNT Study	Jiang, Lin
15:05	A22	Serum 25-Hydroxyvitamin D levels predict cancer survival: A prospective cohort with measurements prior to and at the time of cancer diagnosis	Robsahm, Trude E
15:20	A23	Cisplatin treatment of testicular cancer introduces long-term changes to the epigenome, possibly associated with metabolic syndrome	Wojewodziec, Marcin W
15:35	A24	The clone war of cancer clones of immune cells versus clones of cancer cells	Lund, Eiliv
Finse, Færder og Fredriksten			
Time	No.	Reproductive epidemiology Chairs: ...	Presenters
14:35	B20	Inadequate iodine intake is associated with subfecundity in mild-to-moderately iodine deficient Norwegian women	Brantsæter, Anne Lise
14:50	B21	Hearing impairment and gender specific patterns of fertility – evidence from the HUNT study in Norway	Skirbekk, Vegard
15:05	B22	Temporal trends in age at menarche and age at natural menopause: a population study of 312 656 women in Norway	Gottschalk, Marthe S
15:20	B23	The association of birthweight with age at natural menopause. A population study of women in Norway	Bjelland, Elisabeth K
15:35	B24	Growth in children conceived by assisted reproductive technologies: the Norwegian Mother and Child Cohort Study	Magnus, Maria C
Stiklestad			
Time	No.	Various topics Chairs: ...	Presenters
14:35	C20	Evaluating exposure to environmental contaminants across past decades in the context of effect studies today	Nøst, Therese Haugdahl
14:50	C21	Relationship between periodontitis and Alzheimer's disease: A bidirectional Mendelian randomization study	Sun, Yi-Qian
15:05	C22	Trends in disability free life expectancy in the older Norwegian population: it is getting better	Strand, Bjørn Heine
15:20	C23	Air pollution and mortality in Norway – using NORCOHORT	Oftedal, Bente
15:35	C24	Are compensation claims from patients associated with 30-day mortality? A longitudinal analysis of health trusts in Norway	Skyrud, Katrine Damgaard?

Poster presentations of submitted abstracts

Nordkapp			
Time	No.	Miscellaneous	Presenters
11:00	P1	Mild-to-moderate iodine deficiency is associated with lower birthweight and increased risk of preterm delivery in the Norwegian Mother, Father, and Child Cohort Study	Caspersen. IH
11:00	P2	Environmental toxicants in breast milk of Norwegian mothers and gut bacteria composition and metabolites in their infants at one month	Iszatt, Nina
11:00	P3	Cord blood metabolites and risk of type 1 diabetes in childhood	German Tapia
11:00	P4	Early parent-reported signs of cerebral palsy in Denmark and Norway	Strøm, Marianne
11:00	P5	The Tromsø Study 1994-95: Is grip strength in men and women aged 50-79 years associated with non-vertebral osteoporotic fracture during 15 years follow-up?	Søgaard, Anne Johanne
11:00	P6	Comparison of overall rates for cancer incidence and cancer mortality for vessel crews and land-based personnel in the Royal Norwegian Navy	Strand, Leif Aage
11:00	P7	Post-diagnostic blood gene expression profiles in breast cancer – a clinical follow-up in the NOWAC Post-genome cohort	Olsen, Karina Standahl
11:00	P8	Whole Genome Bisulfite Sequencing from The Janus Serum Bank opens door for Epigenome-Wide Association Studies	Wojewodzic, Marcin W
11:00	P9	Methods in Analysing Next-Generation High-Throughput Single cell-seq Data	Cao, Cong
