

The 23rd Norwegian Conference on Epidemiology Bergen, September 26 – September 27, 2016

Program Overview

Monday, September 26

09:15	Registration (Coffee and refreshments), Terminus Hall foyer, Grand Terminus Hotel
10:00	Welcome
10:05-10:50	Keynote, invited speaker: David Savitz Interpreting Epidemiologic Evidence: The Art of Using Research Wisely Chair / co-Chair: Grace Egeland / Lise Lund Håheim
10:50-11:00	Coffee break
11:00-12:15	Parallel session 1. Oral presentations: Cancer, A1-A5 Diabetes/CVD, B1-B5 Pregnancy, C1-C5
12:15-13:15	Lunch
13:15-13:45	Keynote, invited speaker: Laila Arnesdatter Hopstock The seventh Tromsø Study 2015-2016: Presentation of preliminary results and extensive opportunities for further research collaborations Chair / co-Chair: Kristin Benjaminsen Borch / Lise Lund Håheim
13:45-14:15	Keynote, invited speaker: Knut-Arne Wensaas Giardiasis in Bergen 2004 – The outbreak and its clinical consequences Chair / co-Chair: Lise Lund Håheim / Kristin Benjaminsen Borch
14:15-14:30	Coffee break
14:30-15:30	Parallel session 2. Oral presentations: Various topics, A6-A9 CVD, B6-B9 Behaviour, C6-C9
15:30-16:00	Poster viewing , Entrance Foyer of Terminus Hall Coffee break with refreshments
16:00-17:00	NOFE's annual meeting Announcement of Publication of the year and Honorary member
19:00	Welcome reception National Institute of Public Health, Zander Kaaesgate 7, Bergen Chair: Marta Ebbing
19:45	Conference dinner and entertainment, Grand Terminus Hotel

Oral presentations of submitted abstracts. Monday, September 26th									
Terminus Hall			Terminus Forum						
Cancer			Diabetes/CVD						
Pregnancy			Behaviour						
11:00-11:15	A1	Measured cardiorespiratory fitness and self-reported physical activity: associations with cancer risk and death in a long-term prospective cohort study	Robsaahm	B1	Decreasing incidence of type 2 diabetes in Norway 2009-2014	Gulseth	C1	Pre-eclampsia and childhood asthma	Magnus
11:15-11:30	A2	Risk of endometrial cancer and physical activity in Norwegian women – The NOWAC Study	Borch	B2	No increased incidence of type 1 diabetes under 40 years 2009-2014 in Norwegians and immigrants	Ruiz	C2	Maternal intake of fat soluble vitamins during pregnancy, infant supplementation and asthma development: the Norwegian Mother and Child Cohort Study	Parr
11:30-11:45	A3	The association between alcohol, physical activity and breast cancer subtypes in a nested case-control study from the Norwegian Breast Cancer Screening Program	Ellingjord-Dale	B3	Ethnic difference in the prevalence of pre-diabetes and diabetes mellitus in regions with Sami and non-Sami populations in Norway – The SAMINOR 1 study	Naseribafrouei	C3	Individual-based versus aggregate meta-analysis in multi-database studies of pregnancy outcomes: The Nordic example of selective serotonin reuptake inhibitors and venlafaxine in pregnancy	Selmer
11:45-12:00	A4	Indoor tanning and melanoma risk: a prospective, population-based cohort study	Ghiasvand	B4	Ethnic inequalities in acute myocardial infarction and stroke rates in Norway 1994-2009: a nationwide cohort study (CVDNOR)	Rabanal	C4	Comparison of self-report data in the Norwegian Mother and Child Cohort (MoBa) and data in national registries	Kristensen
12:00-12:15	A5	Melanoma and sunscreen use – A systematic review and meta-analysis	Rueegg	B5	Longitudinal and secular trends in total cholesterol levels and impact of lipid-lowering drug use among women and men born 1905-1977: The Tromsø Study, 1979-2008	Hopstock	C5	Complications in pregnancy: long-term risk and mortality of chronic diseases	Skjærven
14:30-14:45	A6	Assessing Genome-Wide Significance for the Detection of Differentially Methylated Regions	Page	B6	Cardiovascular risk factors and hearing loss: The HUNT study	Engdahl	C6	The second clinical survey of the Population-based Study on Health and Living conditions in regions with Sami and Norwegian populations (the SAMINOR 2 Clinical Study)	Broderstad
14:45-15:00	A7	The effects of childhood sensorineural hearing loss combined with aging or noise exposure later in life	Aarhus	B7	Educational differences in coronary out-of-hospital deaths in the Norwegian population during 1995-2009; a CVDNOR project	Sulo	C7	Mental health impairment and death from suicide and unintentional injuries/accidents in males. A longitudinal national cohort study	Fadum
15:00-15:15	A8	Association between weight change and mortality in community living older people followed for up to 14 years. The Hordaland Health Study (HUSK)	Haugsgjerd	B8	Aortic Valve Replacement Therapy in Norway 2012-2015. Patient characteristics and survival.	Ebbing	C8	Mediators and moderators between potentially traumatic events and outcomes PTSD and disability pension	Lassemo
15:15-15:30	A9	Acute Hepatic Porphyria and Cancer: A Population-Based Cohort Study	Baravelli	B9	Inter-rater Reliability of a National Acute Myocardial Infarction Register	Govatsmark	C9	Too many injury deaths lack information on external cause: The X59 problem	Lycke Ellingsen

Program Overview

Tuesday, September 27

09:00-10:00	Parallel session 3. Oral presentations: Behaviour, A10-A13 Various topics, B10-B13
10:00-10:15	Coffee break
10:15-11:00	Keynote, invited speaker: Magne Thoresen Spurious interaction as a result of categorization Chair / co-Chair: Valborg Baste / Geir Egil Eide
11:00-11:15	Coffee break with refreshments
11:15-12:30	Parallel session 4. Oral presentations: Cancer, A14-A18 CVD, B14-B18 Pregnancy, C10-C14
12:30-13:30	Lunch
13:30-14:45	Parallel session 5. Oral presentations: Cancer, A19-A23 Behaviour, B19-B23
14:45- 15:00	Coffee break with refreshments
15:00-15:45	Keynote, invited speaker: Stein Atle Lie From ordinary survival analyses to analyses of competing risk Chair / co-Chair: Geir Egil Eide / Valborg Baste
15:45	Closing

Oral presentations of submitted abstracts. Tuesday, September 27th						
Terminus Hall			Terminus Forum		Bull	
Behaviour			Various topics			
09:00-09:15	A10	ADHD treatment and diagnosis – importance of relative age in grade in Norway	Bakken	B10	Frequent alcohol consumption increases risk of hip fracture in men below 60 years in Cohort of Norway. A NOREPOS study	Søgaard
09:15-09:30	A11	Economic volatility and adolescent mental health	Bøe	B11	Milk intake in middle-aged Norwegians and risk of hip fracture: is there an association? A linkage between the Norwegian Counties Study and the NOREPOS hip fracture database	Holvik
09:30-09:45	A12	Alcohol and illicit drug use and school-related impairment among adolescents: the youth@hordaland-survey	Heradstveit	B12	How is revision rates influenced by hospital procedure volume for the Oxford Unicomparmental Knee Arthroplasty?	Fenstad
09:45-10:00	A13	High school dropout and later labor market success: Confounding from the early life course factors and cognitive ability, and a comparison of sibling	Mohn	B13	Avoidable hospital admissions, length of hospital stay and probability of 30-day hospital readmission among elderly in Norway	Kristoffersen
Cancer			CVD		Pregnancy	
11:15-11:30	A14	The Fraction of Breast Cancer attributable to smoking. The Norwegian Women and Cancer study 1991-2012	Gram	B14	Incidence and risk factors for unruptured intracranial aneurysms (UIAs) in a population-based study – preliminary results	Sandvei
11:30-11:45	A15	A closer look at the sex-differences in the survival of bladder cancer	Andreassen	B15	Trends in use of oral anticoagulants as stroke prophylaxis in Norway – NOACs are trendy	Kjerpeseth
11:45-12:00	A16	Prostate-specific antigen testing for prostate cancer: Emptying a limited pool of susceptible individuals?	Valberg	B16	Plasma betaine and risk of incident atrial fibrillation: the Hordaland Health Study	Zuo
12:00-12:15	A17	Cancer Risk among Insulin Users: Comparing Analogues with Human Insulin in the CARING five-Country Study	Hjelvik	B17	The educational gradient in cardiovascular mortality: examining the impact of risk factors in cohorts born in the 1930s, 1940s and 1950s	Ariansen
12:15-12:30	A18	Ethnic differences in the incidence of cancer in Norway	Hjerkind	B18	Is dietary calcium important in preventing hypertension?	Egeland
Cancer			Behaviour			
13:30-13:45	A19	A processual model for functional analyses of carcinogenesis in the prospective cohort design	Lund	B19	The Norwegian student introductory week: who takes part and is participation associated with better social integration and satisfaction among students?	Askeland
13:45-14:00	A20	How many future deaths from colorectal cancer can be prevented by 2030? A scenario-based quantification of risk factor modification, screening implementation and improved treatment in Norway	Skyrud	B20	Risky drinking among participants in the university introductory week	Myrtveit
14:00-14:15	A21	Alterations in DNA methylation and gene expression in blood years prior to lung cancer diagnosis - the NOWAC study	Sandanger	B21	Factor analysis of the Hopkins Symptom Checklist (HSCL-25) in a student population	Skogen
14:15-14:30	A22	Is a possible relationship between occupational noise exposure and vestibular schwannoma (acoustic neuroma) causal or due to detection bias?	Nordby	B22	Antidepressant drug use among adolescents during 2004–2013: a population-based register linkage study	Skurtveit
14:30-14:45	A23	Cohort Profile Update: The Janus Serum Bank Cohort in Norway	Hjerkind	B23	Physical activity, sedentary behavior and sleep measured by accelerometer in the seventh Tromsø Study 2015-2016: Presentation of ongoing projects, preliminary results and extensive opportunities for future research collaborations	Morsest

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Scientific Program for Parallel Sessions

Parallel session 1 – Monday, September 26

Parallel session A1-A5		Terminus Hall	Chair / co-Chair
Topic: Cancer			Jo Stenehjem / Tone Bjørge
11:00-11:15	A1	Measured cardiorespiratory fitness and self-reported physical activity: associations with cancer risk and death in a long-term prospective cohort study	Robsahm
11:15-11:30	A2	Risk of endometrial cancer and physical activity in Norwegian women – The NOWAC Study	Borch
11:30-11:45	A3	The association between alcohol, physical activity and breast cancer subtypes in a nested case-control study from the Norwegian Breast Cancer Screening Program	Ellingjord-Dale
11:45-12:00	A4	Indoor tanning and melanoma risk: a prospective, population-based cohort study	Ghiasvand
12:00-12:15	A5	Melanoma and sunscreen use – A systematic review and meta-analysis	Rueegg
Parallel session B1-B5		Terminus Forum	Chair / co-Chair
Topic: Diabetes/CVD			Marjolein Iversen / Marta Ebbing
11:00-11:15	B1	Decreasing incidence of type 2 diabetes in Norway 2009-2014	Gulseth
11:15-11:30	B2	No increased incidence of type 1 diabetes under 40 years 2009-2014 in Norwegians and immigrants	Ruiz
11:30-11:45	B3	Ethnic difference in the prevalence of pre-diabetes and diabetes mellitus in regions with Sami and non-Sami populations in Norway – The SAMINOR 1 study	Naseribafrouei
11:45-12:00	B4	Ethnic inequalities in acute myocardial infarction and stroke rates in Norway 1994-2009: a nationwide cohort study (CVDNOR)	Rabanal
12:00-12:15	B5	Longitudinal and secular trends in total cholesterol levels and impact of lipid-lowering drug use among women and men born 1905-1977: The Tromsø Study 1979-2008	Hopstock
Parallel session C1-C5		Bull	Chair / co-Chair
Topic: Pregnancy			Mette Tollånes / Kari Furu
11:00-11:15	C1	Pre-eclampsia and childhood asthma	Magnus
11:15-11:30	C2	Maternal intake of fat soluble vitamins during pregnancy, infant supplementation and asthma development: the Norwegian Mother and Child Cohort Study	Parr
11:30-11:45	C3	Individual-based versus aggregate meta-analysis in multi-database studies of pregnancy outcomes: The Nordic example of selective serotonin reuptake inhibitors and venlafaxine in pregnancy	Selmer
11:45-12:00	C4	Comparison of self-report data in the Norwegian Mother and Child Cohort (MoBa) and data in national registries	Kristensen
12:00-12:15	C5	Complications in pregnancy: long-term risk and mortality of chronic diseases	Skjærven

Parallel session 2 – Monday, September 26

Parallel session A6-A9		Terminus Hall	Chair / co-Chair
Topic: Various topics		Bjørn Heine Strand / Trond Peder Flaten	
14:30-14:45	A6	Assessing Genome-Wide Significance for the Detection of Differentially Methylated Regions	Page
14:45-15:00	A7	The effects of childhood sensorineural hearing loss combined with aging or noise exposure later in life	Aarhus
15:00-15:15	A8	Association between weight change and mortality in community living older people followed for up to 14 years. The Hordaland Health Study (HUSK)	Haugsgjerd
15:15-15:30	A9	Acute Hepatic Porphyrria and Cancer: A Population-Based Cohort Study	Baravelli
Parallel session B6-B9		Terminus Forum	Chair / co-Chair
Topic: CVD		Grethe Tell / Linn Beate Strand	
14:30-14:45	B6	Cardiovascular risk factors and hearing loss: The HUNT study	Engdahl
14:45-15:00	B7	Educational differences in coronary out-of-hospital deaths in the Norwegian population during 1995-2009; a CVDNOR project	Sulo
15:00-15:15	B8	Aortic Valve Replacement Therapy in Norway 2012-2015. Patient characteristics and survival	Ebbing
15:15-15:30	B9	Inter-rater Reliability of a National Acute Myocardial Infarction Register	Govatsmark
Parallel session C6-C9		Bull	Chair / co-Chair
Topic: Behaviour		Børge Sivertsen / Svetlana Skurtveit	
14:30-14:45	C6	The second clinical survey of the Population-based Study on Health and Living conditions in regions with Sami and Norwegian populations (the SAMINOR 2 Clinical Study)	Broderstad
14:45-15:00	C7	Mental health impairment and death from suicide and unintentional injuries/accidents in males. A longitudinal national cohort study	Fadum
15:00-15:15	C8	Mediators and moderators between potentially traumatic events and outcomes PTSD and disability pension	Lassemo
15:15-15:30	C9	Too many injury deaths lack information on external cause: The X59 problem	Lycke Ellingsen

Parallel session 3 – Tuesday, September 27

Parallel session A10-A13		Terminus Hall	Chair / co-Chair
Topic: Behaviour		Bo Engdahl / Trond Peder Flaten	
09:00-09:15	A10	ADHD treatment and diagnosis – Importance of relative age in grade in Norway	Bakken
09:15-09:30	A11	Economic volatility and adolescent mental health	Bøe
09:30-09:45	A12	Alcohol and illicit drug use and school-related impairment among adolescents: the youth@hordaland-survey	Heradstveit
09:45-10:00	A13	High school dropout and later labor market success: Confounding from the early life course factors and cognitive ability, and a comparison of siblings	Mohn

Parallel session B10-B13		Terminus Forum	Chair / co-Chair
Topic: Various topics		Wenche Nystad / Trond Riise	
09:00-09:15	B10	Frequent alcohol consumption increases risk of hip fracture in men below 60 years in Cohort of Norway. A NOREPOS study	Søgaard
09:15-09:30	B11	Milk intake in middle-aged Norwegians and risk of hip fracture: Is there an association? A linkage between the Norwegian Counties Study and the NOREPOS hip fracture database	Holvik
09:30-09:45	B12	How is revision rates influenced by hospital procedure volume for the Oxford Unicompartmental Knee Arthroplasty?	Fenstad
09:45-10:00	B13	Avoidable hospital admissions, length of hospital stay and probability of 30-day hospital readmission among elderly in Norway	Kristoffersen

Parallel session 4 – Tuesday, September 27

Parallel session A14-A18		Terminus Hall	Chair / co-Chair
Topic: Cancer		Steinar Tretli / Trude Robsahm	
11:15-11:30	A14	The fraction of breast cancer attributable to smoking. The Norwegian Women and Cancer study 1991-2012	Gram
11:30-11:45	A15	A closer look at the sex-differences in the survival of bladder cancer	Andreassen
11:45-12:00	A16	Prostate-specific antigen testing for prostate cancer: Emptying a limited pool of susceptible individuals?	Valberg
12:00-12:15	A17	Cancer Risk among Insulin Users: Comparing Analogues with Human Insulin in the CARING five-Country Study	Hjellvik
12:15-12:30	A18	Ethnic differences in the incidence of cancer in Norway	Hjerkind

Parallel session B14-B18		Terminus Forum	Chair / co-Chair
Topic: CVD		Stein Emil Vollset / Inger Johanne Bakken	
11:15-11:30	B14	Incidence and risk factors for unruptured intracranial aneurysms (UIAs) in a population-based study – preliminary results	Sandvei
11:30-11:45	B15	Trends in use of oral anticoagulants as stroke prophylaxis in Norway – NOACs are trendy	Kjerpeseth
11:45-12:00	B16	Plasma betaine and risk of incident atrial fibrillation: the Hordaland Health Study	Zuo
12:00-12:15	B17	The educational gradient in cardiovascular mortality; examining the impact of risk factors in cohorts born in the 1930s, 1940s and 1950s	Ariansen
12:15-12:30	B18	Is dietary calcium important in preventing hypertension?	Egeland

Parallel session 4 – Tuesday, September 27 (cont.)

Parallel session C10-C14		Bull	Chair / co-Chair
Topic: Pregnancy			Anne Kjersti Daltveit / Margaretha Haugen
11:15-11:30	C10	The influence of birth weight and childhood body mass index on overweight and obesity in adolescence. The Tromsø study: <i>Fit Futures</i>	Evensen
11:30-11:45	C11	Maternal serum levels of perfluoroalkyl substances and organochlorines and indices of fetal growth: a case-cohort study	Lauritzen
11:45-12:00	C12	Preeclampsia and long-term maternal cardiovascular disease mortality: heterogeneity of risk by lifetime parity and pregnancy conditions	DeRoo
12:00-12:15	C13	Gut microbiome of mothers delivering prematurely shows reduced diversity and lower relative abundance of Bifidobacterium and Streptococcus	Dahl
12:15-12:30	C14	Management of HIV positive pregnant women in Tanzania; are we meeting national guidelines?	Rebnord

Parallel session 5 – Tuesday, September 27

Parallel session A19-A23		Terminus Hall	Chair / co-Chair
Topic: Cancer			Tone Bjørge / Inger Torhild Gram
13:30-13:45	A19	A processual model for functional analyses of carcinogenesis in the prospective cohort desi	Lund
13:45-14:00	A20	How many future deaths from colorectal cancer can be prevented by 2030? A scenario-based quantification of risk factor modification, screening implementation and improved treatment in Norway	Skyrud
14:00-14:15	A21	Alterations in DNA methylation and gene expression in blood years prior to lung cancer diagnosis – the NOWAC study	Sandanger
14:15-14:30	A22	Is a possible relationship between occupational noise exposure and vestibular schwannoma (acoustic neuroma) causal or due to detection bias?	Nordby
14:30-14:45	A23	Cohort Profile Update: The Janus Serum Bank Cohort in Norway	Hjerkind

Parallel session B19-B23		Terminus Forum	Chair / co-Chair
Topic: Behaviour			Lise Lund Håheim / Eva Skovlund
13:30-13:45	B19	The Norwegian student introductory week: who takes part and is participation associated with better social integration and satisfaction among students?	Askeland
13:45-14:00	B20	Risky drinking among participants in the university introductory week	Myrtveit
14:00-14:15	B21	Factor analysis of the Hopkins Symptom Checklist (HSCL-25) in a student population	Skogen
14:15-14:30	B22	Antidepressant drug use among adolescents during 2004–2013: a population-based register linkage study	Skurtveit
14:30-14:45	B23	Physical activity, sedentary behavior and sleep measured by accelerometer in the seventh Tromsø Study 2015-2016: Presentation of ongoing projects, preliminary results and extensive opportunities for future research collaborations	Morseth
