

# Welcome to Bergen

and

the 23<sup>rd</sup> Norwegian Epidemiology Conference

September 26 – 27, 2016



Grand Terminus Hotel

Norsk forening for epidemiologi

## OVERVIEW of CONFERENCE 26<sup>th</sup> September, 2016

9:15 am: Registration desk opens

**10:00 am: Welcome and Opening of Conference**

**KEYNOTE ADDRESS:**

***Interpreting Epidemiologic Evidence: The Art of Using Research Wisely***

David Savitz, Vice President for Research & Professor of Epidemiology & Obstetrics and Gynecology  
Brown University, Providence, Rhode Island, USA.

11:00 Parallel Sessions

12:15 Lunch

**13:15 KEYNOTES:**

**The seventh Tromsø Study 2015-2016: Presentation of preliminary results and extensive opportunities for further research collaborations**

Laila Arnesdatter Hopstock, Associate Professor, Faculty of Health Sciences  
University of Tromsø, The Arctic University of Norway.

**Giardiasis in Bergen 2004 - The outbreak and its clinical consequences**

Knut-Arne Wensaas, Postdoctoral Research Fellow  
Research Unit for General Practice, Uni Research Health  
Bergen, Norway.

14:30 Parallel Sessions

15:30 Poster Viewing Coffee Break

16:00-17:15 NOFE's Annual meeting with Publication of the Year Award and Honorary Membership Award

19:00 Welcome reception at the National Institute of Public Health, Bergen

19:45 Conference Dinner

## OVERVIEW of CONFERENCE 27<sup>th</sup> September, 2016

9:00 am: Parallel Sessions

**10:15 am: KEYNOTE ADDRESS:**

**Spurious interaction as a result of categorization**

Magne Thoresen, Professor  
Oslo Centre for Biostatistics and Epidemiology  
University of Oslo  
Oslo, Norway.

11:15: Parallel Sessions

12:30 Lunch

**13:30** Parallel Sessions

15:00 **KEYNOTE ADDRESS:**

**From ordinary survival analyses to analyses of competing risk**

Stein Atle Lie, Professor,  
Medical Statistics, Department of Clinical Dentistry,  
University of Bergen  
Bergen, Norway.

15:45 Closing

**PRELIMINARY (May-2016)**

**Monday - September 26**

Room x			Room y			Room z		
Nr	Cancer	Presenter	NR	Diabetes/CVD	Presenter	Nr	Behaviour	Presenter
11:00	A1	Measured cardiorespiratory fitness and self-reported physical activity: associations with cancer risk and death in a long-term prospective cohort study Robsahm	B1	Decreasing incidence of type 2 diabetes in Norway 2009-2014 Gulseth		C1	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	
11:15	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	Mental health impairment and death from suicide and unintentional injuries/accidents in males. A longitudinal national cohort study Fadum	
11:30	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	Combinations and concentrations of drugs in fatal drug overdoses in Norway 2012 Tvergborgvik	
11:45	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	Mediators and moderators between potentially traumatic events and outcomes PTSD and disability pension Lassemø	
12:00	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	Too many injury deaths lack information on external cause: The X59 problem Lycke Ellingsen	
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Nr	Various topics	Presenter	NR	CVD	Presenter	Nr	Pregnancy	Presenter
14:30	A6	Irritable Bowel Syndrome and Chronic Fatigue Ten Years After a Giardia outbreak: A Controlled Prospective Cohort Study Litleskare	B6	Cardiovascular risk factors and hearing loss: The HUNT study Engdahl		C6	Pre-eclampsia and childhood asthma Magnus	
14:45	A7	Assessing Genome-Wide Significance for the Detection of Differentially Methylated Regions Page	B7	Educational differences in coronary out-of-hospital deaths in the Norwegian population during 1995-2009; a CVDNOR project Sulo		C7	Maternal intake of fat soluble vitamins during pregnancy, infant supplementation and asthma development: the Norwegian Mother and Child Cohort Study Parr	
15:00	A8	The effects of childhood sensorineural hearing loss combined with aging or noise exposure later in life Aarhus	B8	The educational gradient in cardiovascular mortality; examining the impact of risk factors in cohorts born in the 1930s, 1940s and 1950s Ariansen		C8	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	
15:15	A9	Association between weight change and mortality in community living older people followed for up to 14 years. The Hordaland Health Study (HUSK) Haugsgjerd	B9	Inter-rater Reliability of a National Acute Myocardial Infarction Register Govatsmark		C9	Comparison of self-report data in the Norwegian Mother and Child Cohort (MoBa) and data in national registries Kristensen	

PRELIMINARY (May-2016)

Tuesday- September 27

Room x			Room y			Room z			
	<b>NR</b>	<b>Behaviour</b>	<b>Presenter</b>		<b>Nr</b>	<b>Various topics</b>	<b>Presenter</b>		
09:00	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	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	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 Unicompartmental Knee Arthroplasty?	Fenstad			
09:45	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			
	<b>Nr</b>	<b>Cancer Title</b>	<b>Presenter</b>	<b>NR</b>	<b>CVD</b>	<b>Presenter</b>	<b>Nr</b>	<b>Pregnancy</b>	<b>Presenter</b>
11:15	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	C14	The influence of birth weight and childhood body mass index on overweight and obesity in adolescence. The Tromsø study:	Evensen
11:30	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	C15	Maternal serum levels of perfluoroalkyl substances and organochlorines and indices of fetal growth: a case-cohort study	Lauritzen
11:45	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	C16	ST waveform analysis versus cardiotocography alone for intrapartum fetal monitoring: a systematic review and meta-analysis of randomized Blix_ trials	
12:00	A17	Cancer Risk among Insulin Users: Comparing Analogues with Human Insulin in the CARING five-Country Study	Hjellvik	B17	Aortic Valve Replacement Therapy in Norway 2012-2015. Patient characteristics and survival.	Reikerås	C17	Gut microbiome of mothers delivering prematurely shows reduced diversity and lower relative abundance of Bifidobacterium and Streptococcus	Dahl
12:15	A18	Ethnic differences in the incidence of cancer in Norway	Hjerkind	B18	Is dietary calcium important in preventing hypertension?	Egeland	C18	Management of HIV positive pregnant women in Tanzania; are we meeting national guidelines?	Rebnord
	<b>Nr</b>	<b>Cancer Title</b>	<b>Presenter</b>	<b>NR</b>	<b>Behaviour</b>	<b>Presenter</b>			
13:30	A19	A processual model for functional analyses of carcinogenesis in the prospective cohort desi	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	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	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 (HSC-25) in a student population	Skogen			
14:13	A22	Is a possible relationship between occupational noise exposure and vestibular schwannoma (acoustic neuroma) causal or due to detection bias?	Mehlum	B22	Antidepressant drug use among adolescents during 2004–2013: a population-based register linkage study	Skurtveit			
14:30	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	Morseth			