



XXXVI Nordic Congress in Clinical Chemistry, NFKK 2018, 12-15 June, Finlandia Hall, Helsinki, Finland

TUESDAY 12 JUNE	
11:00-17:00	Registration 11:00-17:00 Finlandia Hall, Main Hall
15:30	Opening Ceremony and Welcome The future of molecular biology in the diagnostic laboratories - Maurizio Ferrari (IFCC Past President, Italy) <i>Chair: Kari Pulkki</i>
	The FSCC Clinical Chemist Prize 2018 <i>Chair: Anna Linko-Parvinen</i> The Finnish Society of Clinical Chemistry rewards annually a medical specialist or a clinical chemist merited in practical or clinical work in laboratory medicine.
16:55	BREAK
17:10	The Astrup Prize Competition 2018 <i>Chair: Lars Melholt Rasmussen</i> 16:45 Maternal thyroid function in early pregnancy and neuropsychological performance of the child at 5 years of age - <i>Stine Linding Andersen</i> (Aalborg University Hospital, Denmark) 17:15 U-shaped relationship of high-density lipoprotein and risk of infectious disease: two prospective population-based cohort studies - <i>Christian Medom Madsen</i> (Herlev and Gentofte Hospitals, Denmark) 17:45 Adiposity amplifies the genetic risk of fatty liver disease conferred by multiple loci - <i>Stefan Stender</i> (University Hospital of Copenhagen, Rigshospitalet, Denmark)
18:30-20:00	Get-together Reception, Finlandia Hall, Piazza

WEDNESDAY 13 JUNE			
8:30-9:00	Exhibition		
9:00-9:45	Future of laboratory medicine - Graham Beastall (University of Glasgow, UK) <i>Chair: Päivi Laitinen</i>		
9:45-10:15	Coffee & Exhibition		
	Main Hall	Helsinki Hall	Terrace Hall
10:15-12:15	A1 Nordic standardization of the preanalytical phase <i>Chair: Mads Nybo</i> 10:15 Presentation of the Nordic working group for preanalytical issues - <i>Mads Nybo</i> (Odense University Hospital, Denmark) 10:20 European sampling guideline - <i>Janne Cadamuro</i> (University Hospital Salzburg, Paracelsus Medical University, Salzburg, Austria) 10:55 Preanalytical EQA - <i>Jonna Pelanti</i> (Labquality Corp. Finland) 11:10 Evaluation of the online e-learning program on venous blood specimen collection - <i>Karin Bölenius</i> (Umeå University, Sweden) 11:30 Harmonization of fasting definitions – status within Europe and the Nordic countries - <i>Kjell Grankvist</i> (Umeå University, Sweden) 11:45 Sample auditing - <i>Mads Nybo</i> (Odense University Hospital, Denmark) 12:00 The Norwegian Stability project - <i>Gunn B B Kristensen</i> (Norwegian Quality Improvement of Laboratory Examinations, Norway)	A2 Modern hematology laboratory <i>Chair: Satu Mustjoki</i> 10:15 Digital microscopy and diagnostics supported by artificial intelligence - <i>Johan Lundin</i> (Institute of Molecular Medicine, FIMM, Finland) 10:45 Transforming diagnostics of hematological malignancies using next-generation sequencing - <i>Richard Rosenquist Brandell</i> (Karolinska Institutet, Sweden) 11:15 Application of Mass Cytometry (CyTOF) in hematology - <i>Bjorn T Gjertsen</i> (University of Bergen, Norway)	A3 Bioinformatics in the laboratory <i>Chair: Jussi Paananen</i> 10:15 Introduction to Clinical Bioinformatics - <i>Jussi Paananen</i> , (University of Eastern Finland, Finland) 10:45 Informatics strategy for rare disease diagnostics using whole genome sequencing - <i>Valteri Wirta</i> (Karolinska Institutet, Sweden) 11:30 Challenges and solutions for clinical bioinformatics, - <i>Massimiliano Gentile</i> (Blueprint Genetics Ltd, Helsinki, Finland)
12:15-14:00	Lunch & Exhibition		
		Company session, 12:45-13:15 THE ABC-of trial and the use of biomarkers in atrial fibrillation - <i>Lars Wallentin</i> (Uppsala Clinically Research Center Roche Diagnostics) Roche Diagnostics Oy	
	BREAK	BREAK	BREAK
	Company session, 13:30-14:00 High-sensitivity troponin: a barometer for cardiac health - <i>Nicholas L Mills</i> (University of Edinburgh, UK) Abbott Oy	Company session, 13:30-14:00 A fully automated solution with LC-MS/MS technology - a first experience - <i>Sally C Benton</i> (Royal Surrey County NHS Foundation Trust, RSCH, Department of Biochemistry, UK) Thermo Fisher Scientific	Company session, 13:30-14:00 Getting to the heart of the matter: Sensitive Troponins - A Paradigm shift in the diagnosis of cardiovascular diseases - <i>David C. Gaze</i> Siemens Healthineers
14:00-14:45	Recent Advances in Clinical Mass Spectrometry - Ravinder Singh (Mayo Clinic, United States) <i>Chair: Outi Itkonen</i>		
14:45-15:15	Coffee & Exhibition		
15:15-17:15	A4 Postanalytical quality <i>Chair: Päivi Laitinen</i> 15:15 Postanalytical quality part of total quality management - <i>Elvar Theodorsson</i> (Linköping University, Sweden) 15:45 How to optimize the postanalytical phase? - <i>Sverre Sandberg</i> (University of Bergen, Norway) 16:15 How laboratories assist clinicians in utilisation of laboratory tests? An international survey in 850 European laboratories - <i>Eva Ajzner</i> (University of Debrecen, Hungary) 16:45 Harmonisation initiatives in the post-analytical phase - <i>Aasne K. Aarsand</i> (Haukeland University Hospital, Norway)	A5 Update on coagulation laboratory <i>Chair: Lotta Joutsu-Korhonen</i> 15:15 Clinical and laboratory aspects of anticoagulant monitoring - <i>Riitta Lassila</i> (University of Helsinki, Finland) 15:45 APTT - Sixty-five years of age but far from retired - <i>Andreas Hillarp</i> (Lund University, Sweden) 16:15 Proper use of coagulation laboratory tests - <i>Timea Szanto</i> (HUSLAB, Finland) 16:45 Platelet function testing - <i>Anne-Mette Hvas</i> (Aarhus University, Denmark)	A6 Cardiovascular laboratory testing <i>Chair: Kari Pulkki</i> 15:15 Update on the EAS-EFLM consensus recommendations for dyslipidemia testing - <i>Michel Langlois</i> (Ghent University, Belgium) 15:55 Lipidomics and cardiometabolic risk markers - <i>Reijo Laaksonen</i> (University of Tampere, Finland) 16:35 Biomarkers testing in cardiovascular disease – current and future strategies - <i>Paul Collinson</i> (St George's University Hospitals, UK)
17:30-18:30	Posters & Oral presentations and wine - first glas is free		





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THURSDAY 14 JUNE			
8:30-9:00	Exhibition		
9:00-9:45	Genetics, bioinformatics and risk assessment – Samuli Ripatti (University of Helsinki, Finland) Chair: Outi Itkonen		
9:45-10:15	Coffee & exhibition		
	Main Hall	Helsinki Hall	Terrace Hall
10:15-12:15	B1 Laboratory and the silent liver disease Chair: Onni Niemelä 10:15 Clinical implications of fatty change in the liver - Hannele Yki-Järvinen (University of Helsinki, Finland) 10:45 Use of laboratory tests in monitoring liver status - Onni Niemelä (University of Tampere, Finland) 11:15 Specificity of alcohol biomarkers in ruling out ALD - Anders Helander (Karolinska Institutet, Sweden) 11:45 Treatment of obesity and metabolic syndrome: role of behaviour change - Markku Savolainen (University of Oulu, Finland)	B2 Basics of genetic and epigenetic testing Chair: Kristiina Aittomäki 10:15 Next generation sequencing, from genes to genomes - Arto Orpana (HUSLAB, Finland) 10:45 Epigenetics and testing for epigenetic changes - Päivi Peltomäki (University of Helsinki, Finland) 11:15 MicroRNAs as potential biomarkers for cardiometabolic diseases - Emma Raitoharju (University of Tampere, Finland) 11:45 What is new in cancer genetic testing? - Juha Kononen (University Hospital of Tampere, Finland)	B3 Newborn screening Chair: Anna Linko-Parvinen 10:15 Neonatal biochemical screening in Denmark - Allan Lund (Copenhagen University Hospital, Denmark) 10:45 Newborn screening in Norway – experiences after five years of expanded newborn screening and recent advances - Ingjerd Sæves (University of Oslo, Norway) 11:15 Neonatal screening in Sweden 2018 - Rolf Zetterström (Karolinska University Hospital, Stockholm, Sweden) 11:45 Expanded neonatal screening in Finland – first experiences - Harri Niinikoski (University of Turku, Finland)
12:15-14:00	Lunch & Exhibition		
	Company session, 12:45-13:15 Influence of healthcare digitalization - a service provider perspective - Evert-Jan Sneekes (Roche Diagnostics, Netherlands) Roche Diagnostics Oy BREAK Company session, 13:30-14:00 Biotin – a potential for interference in immunoassay - Gordon Avery (Manager Medical Affairs, Abbott) Abbott Oy	Company session, 12:45-13:15 Future trends in neonatal screening - Marika Kase (Global Business Director, PerkinElmer) PerkinElmer Finland Oy BREAK Company session, 13:30-14:00 Quality Control and Patient Risk Management - Jan Kotlík (Bio-Rad QSD Solution Architect) Bio-Rad Laboratories	
14:00-14:45	Moving towards data driven business models – Petri Parvinen (Aalto University, Finland) Chair: Anna Linko-Parvinen		
14:45-15:15	Coffee & Exhibition		
15:15-17:15	B4 IT safety and the laboratory Chair: Solveig Linko 15:15 Cybersecurity is everybody's issue - Jarno Limnell (Aalto University, Finland) 15:45 Cybersecurity aspects in providing IT services to health care - Jan Mickos (CGI, Finland) 16:15 Patient-safe IT and the modern laboratory - Samuli Niiranen (Tampere University of Technology, Finland) 16:45 Impact of IT continuity in the laboratory - Ari Törmä (Tykslab, Turku University Central Hospital, Finland)	B5 Do we matter? Impact of laboratory medicine Chair: Howard Morris 15:15 Identifying the real value of laboratory medicine with the value proposition - Howard Morris (SA Pathology, Australia) 15:55 Demonstrating the value of laboratory tests: a clinical and economic perspective - Alexander Lang (Roche Diagnostics, Switzerland) 16:30 Making a difference by timely reporting of critical risk results - Helen Martin (SA Health, Australia) 16:50 Patient care and the value of laboratory medicine in non-urban areas of Iceland - Isleifur Ólafsson (National University Hospital of Iceland, Iceland)	B6 The Lorentz Eldjarn Prize Competition for Best Publication 2018 Chair: Jens Petter Berg The Lorentz Eldjarn Prize Competition for Best Publication is intended to support and promote the international distribution of the journal "The Scandinavian Journal of Clinical and Laboratory Investigation". The Prize is awarded each second year to the first author of the best article published in SJCLI during the five years preceding the prize year.
19:30-24:00	Congress Dinner - Crowne Plaza Helsinki		

FRIDAY 15 JUNE			
8:30-9:00	Exhibition		
9:00-9:45	Natural steps to health - Tari Haahtela (University of Helsinki, Finland) Chair: Kari Pulkki		
9:45-10:15	Coffee & Exhibition		
	Main Hall	Helsinki Hall	Terrace Hall
10:15-12:15	C1 Diabetes and the laboratory Chair: Mikael Knip 10:15 New classification of diabetes – is there a need? - Tiinamaija Tuomi (University of Helsinki, Finland) 10:45 New tools and devices for monitoring metabolic control in patients with diabetes – a threat to the routine clinical laboratory? - Olga Kordonouri (Kinder-und Jugendkrankenhaus AUF DER BULT, Hannover, Germany) 11:15 Role of diabetes-associated autoantibodies in preclinical and clinical diabetes? - Mikael Knip (University of Helsinki, Finland) 11:45 Early signs of type 1 diabetes - Riitta Lahesmaa (University of Turku, Finland)	C3 International collaboration, exciting opportunities for the laboratory doctor Chair: Yngve Thomas Bliksrud 10.15 NFKK - Yngve Thomas Bliksrud (NFKK President, Norway) 10.30 EFLM - Sverre Sandberg (EFLM Past President, Norway) 11:00 IFCC - Howard Morris (IFCC President, Australia) 11.30 Discussion	C2 Clinical chemistry workshop on Publication Ethics & Scientific writing Chair: Outi Itkonen Workshop will be organised by Nader Rifai and Thomas M. Annesley 10:15 Ethical conduct and misconduct in the publication process 11:00 Guide to scientific writing: how to organize your manuscript, present your data and respond to reviewers' comments 11.45 Interactive discussion
12:15-13:00	Closing Ceremony and Welcome to the XXXVII Nordic Congress in Clinical Chemistry, NFKK2020 in Trondheim, Norway		

