

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

TIME		TUESDAY 12 JUNE
11:00-17:00		<b>Registration 11:00-17:00</b> Opening Ceremony and Welcome
15:30		The future of molecular biology in the diagnostic laboratories - Maurizio Ferrari (IFCC Past President, Italy) <i>Chair: Kari Pulkki</i>
16:30		<b>BREAK</b>
16:45		<b>The Astrup Prize Competition 2018</b> Three presentations <i>Chair: Lars Melholt Rasmussen</i>
18:15-20:00		<b>Get-together Reception, Finlandia Hall Piazza</b>

TIME		WEDNESDAY 13 JUNE		
8:30-9:00		Exhibition		
9:00-9:45		Future of laboratory medicine - Graham Beattall (University of Glasgow, United Kingdom) <i>Chair: Päivi Laitinen</i>		
9:45-10:15		<b>Coffee &amp; Exhibition</b>		
10:15-12:15		<b>A1 Nordic standardization of the preanalytical phase</b> <i>Chair: Mads Nybo</i> 10:15 <b>Presentation of the Nordic working group for preanalytical issues</b> , Mads Nybo (Odense University Hospital, Denmark) 10:20 <b>European sampling guideline</b> , Janne Cadamuro (University Hospital Salzburg, Austria) 10:55 <b>Preanalytical EQA</b> , Jonna Pelanti (Labquality Corp. Finland) 11:10 <b>E-learning preanalytical practices</b> , Karin Bölenius (Umeå University, Sweden) 11:30 <b>Harmonization of fasting definitions - status within Europe and the Nordic countries</b> , Kjell Grankvist (Umeå University, Sweden) 11:45 <b>Sample auditing</b> , Mads Nybo (Odense University Hospital, Denmark) 12:00 <b>The Norwegian Stability project</b> , Gunn B B Kristensen (Norwegian Quality Improvement of Laboratory Examinations, Noklus, Norway)	<b>A2 Modern hematology laboratory</b> <i>Chair: Satu Mustjoki</i> 10:15 <b>Digital microscopy and diagnostics supported by artificial intelligence</b> , Johan Lundin (Institute for Molecular Medicine, FIMM, Finland) 10:45 <b>Transforming diagnostics of hematological malignancies using next-generation sequencing</b> , Richard Rosenquist Brandell (Karolinska Institute, Sweden) 11:15 <b>Application of Mass Cytometry (CyTOF) in hematology</b> , Bjørn T Gjertsen (University of Bergen, Norway)	<b>A3 Bioinformatics in the laboratory</b> <i>Chair: Jussi Paananen</i> 10:15 <b>Introduction to Clinical Bioinformatics</b> , Jussi Paananen, (University of Eastern Finland, Finland) 10:45 <b>Informatics strategy for rare disease diagnostics using whole genome sequencing</b> , Valtteri Wirta (Karolinska Institute, Sweden) 11:30 <b>Challenges and solutions for clinical bioinformatics</b> , Massimiliano Gentile (Blueprint Genetics Ltd, Helsinki, Finland)
12:15-14:00		<b>Lunch &amp; Exhibition</b>		
		Company session 1, 12:45-13:15 <b>BREAK</b>	Company session 3, 12:45-13:15 Roche Diagnostics <b>BREAK</b>	Company session 5, 12:45-13:15 <b>BREAK</b>
		Company session 2, 13:30-14:00 Abbott	Company session 4, 13:30-14:00 A fully automated solution with LC-MS/MS technology - a first experience Thermo Fisher Scientific	Company session 6, 13:30-14:00 Getting to the heart of the matter: Sensitive Troponins - A Paradigm shift in the diagnosis of cardiovascular diseases - David C. Gaze Siemens Healthineers
14:05-14:50		Recent Advances in Clinical Mass Spectrometry - Ravinder Singh (Mayo Clinic, United States) <i>Chair: Outi Itkonen</i>		
14:50-15:15		<b>Coffee &amp; Exhibition</b>		
15:15-17:15		<b>A4 Postanalytical quality</b> <i>Chair: Päivi Laitinen</i> 15:15 <b>Postanalytical quality part of total quality management</b> , Elvar Theodorsson (Linköping University, Sweden) 15:45 <b>How to optimize the postanalytical phase?</b> Sverre Sandberg (University of Bergen, Norway) 16:15 <b>How laboratories assist clinicians in utilisation of laboratory tests? An international survey in 850 European laboratories</b> , Eva Ajzner (University of Debrecen, Hungary) 16:45 <b>Harmonisation initiatives in the post-analytical phase</b> , Åsne K Aarsand (Haukeland University Hospital, Norway)	<b>A5 Update on coagulation laboratory</b> <i>Chair: Lotta Jouts-Korhonen</i> 15:15 <b>Clinical and laboratory aspects of anticoagulant monitoring</b> , Riitta Lassila (University of Helsinki, Finland) 15:45 <b>APTT - Sixty-five years of age but far from retired</b> , Andreas Hillarp (Lund University, Sweden) 16:15 <b>Proper use of coagulation laboratory tests</b> , Timea Szanto (HUSLAB, Finland) 16:45 <b>Platelet function testing</b> , Anne-Mette Hvas (Aarhus University, Denmark)	<b>A6 Cardiovascular laboratory testing</b> <i>Chair: Kari Pulkki</i> 15:15 <b>Update on the EAS-EFLM consensus recommendations for dyslipidemia testing</b> , Michel Langlois (University of Ghent, Belgium) 15:55 <b>Lipidomics and cardiometabolic risk markers</b> , Reijo Laaksonen (Finland) 16:35 <b>Biomarkers testing in cardiovascular disease - current and future strategies</b> , Paul Collinson (St George's University Hospitals, UK)
17:30-18:30		Posters & Oral presentations		

TIME		THURSDAY 14 JUNE		
8:30-9:00		Exhibition		
9:00-9:45		Genetics, bioinformatics and risk assessment - Samuli Ripatti (University of Helsinki, Finland) <i>Chair: Outi Itkonen</i>		
9:45-10:15		<b>Coffee &amp; exhibition</b>		
10:15-12:15		<b>B1 Laboratory and the silent liver disease</b> <i>Chair: Onni Niemelä</i> 10:15 <b>Clinical implications of fatty change in the liver</b> , Hannele Yki-Järvinen (University of Helsinki, Finland) 10:45 <b>Use of laboratory tests in monitoring liver status</b> , Onni Niemelä (University of Tampere, Finland) 11:15 <b>Specificity of alcohol biomarkers in ruling out ALD</b> , Anders Helander (Karolinska Institute, Sweden) 11:45 <b>Treatment of obesity and metabolic syndrome: role of behaviour change</b> , Markku Savolainen (University of Oulu, Finland)	<b>B2 Basics of genetic and epigenetic testing</b> <i>Chair: Kristiina Aittomäki</i> 10:15 <b>Next generation sequencing, from genes to genomes</b> , Arto Orpana (HUSLAB, Finland) 10:45 <b>Epigenetics and testing for epigenetic changes</b> , Päivi Peltomäki (University of Helsinki, Finland) 11:15 <b>MicroRNAs as potential biomarkers for cardiometabolic diseases</b> - Emma Raitoharju (University of Tampere) 11:45 <b>What is new in cancer genetic testing?</b> Juha Kononen (University Hospital of Tampere, Finland)	<b>B3 Newborn screening</b> <i>Chair: Anna Linko-Parvinen</i> 10:15 <b>Neonatal biochemical screening in Denmark</b> , Allan Lund (Copenhagen University Hospital, Denmark) 10:45 <b>Newborn screening in Norway - experiences after six years of expanded newborn screening and recent advances</b> , Ingrid Sæves (Oslo University Hospital, Norway) 11:15 <b>Neonatal screening in Sweden 2018</b> , Rolf Zetterström (Karolinska University Hospital, Stockholm, Sweden) 11:45 <b>Expanded neonatal screening in Finland - first experiences</b> , Harri Niinikoski (University of Turku, Finland)
12:15-14:00		<b>Lunch &amp; Exhibition</b>		
		Company session 7, 12:45-13:15 <b>BREAK</b>	Company session 9, 12:45-13:15 Roche Diagnostics <b>BREAK</b>	Company session 11, 12:45-13:15 PerkinElmer Finland Oy Future Trends in Neonatal Screening - Marika Kase (PerkinElmer) <b>BREAK</b>
		Company session 8, 13:30-14:00 Abbott Oy	Company session 10, 13:30-14:00 Quality Control and Patient Risk Management Bio-Rad Laboratories	Company session 12, 13:30-14:00
14:05-14:50		Moving towards data driven business models - Petri Parvinen (Aalto University, Finland) <i>Chair: Anna Linko-Parvinen</i>		
14:45-15:15		<b>Coffee &amp; Exhibition</b>		
15:15-17:15		<b>B4 IT safety and the laboratory</b> <i>Chair: Solveig Linko</i> 15:15 <b>Cybersecurity is everybody's issue</b> , Jarno Limnelli (Aalto University, Finland) 15:45 <b>Cybersecurity aspects in providing IT services to health care</b> , Jan Mickos (CGI, Finland) 16:15 <b>Patient-safe IT and the modern laboratory</b> , Samuli Niiranen (Tampere University of Technology, Finland) 16:45 <b>IT continuity in a modern automation laboratory</b> , Tim McIlwaine (Lancashire NHS Foundation Trust, UK)	<b>B5 Do we matter? Impact of laboratory medicine</b> <i>Chair: Howard Morris</i> 15:15 <b>Identifying the real value of laboratory medicine with the value proposition</b> , Howard Morris (SA Pathology, Australia) 15:55 <b>Demonstrating the value of laboratory tests: a clinical and economic perspective</b> , Vim van der Helm (Roche Diagnostics, Switzerland) 16:30 <b>Making a difference by timely reporting of critical risk results</b> , Helen Martin (SA Health, Australia) 16:50 <b>Patient care and the value of laboratory medicine in non-urban areas of Iceland</b> , Ísleifur Ólafsson (National University Hospital of Iceland, Iceland)	<b>B6 The Lorentz Eldjarn Prize Competition for Best Publication 2018</b> <i>Chair: Jens Petter Berg</i>
19:30-23:00		<b>Congress Dinner, Crowne Plaza Helsinki</b>		

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