

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

TIME	TUESDAY 12 JUNE
11:00-17:00	Registration 11:00-17:00
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>
16:30	BREAK
16:45	The Astrup Prize Competition 2018 Three presentations <i>Chair: Lars Melholt Rasmussen</i>
18:15-20:00	Get-together Reception, Finlandia Hall Piazza

TIME	WEDNESDAY 13 JUNE		
8:30-9:00	Exhibition		
9:00-9:45	Future of laboratory medicine - Graham Beasall (University of Glasgow, United Kingdom) <i>Chair: Päivi Laitinen</i>		
9:45-10:15	Coffee & Exhibition		
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, Mads Nybo (Odense University Hospital, Denmark) 10:20 European sampling guideline, Janne Cadamuro (University Hospital Salzburg, Austria) 10:55 Preanalytical EQA, Jonna Pelanti (Labquality Corp. Finland) 11:10 E-learning preanalytical practices, Karin Bölenius (Umeå University, Sweden) 11:30 Harmonization of fasting definitions – status within Europe and the Nordic countries, Kjell Grankvist (Umeå University, Sweden) 11:45 Sample auditing, Mads Nybo (Odense University Hospital, Denmark) 12:00 The Norwegian Stability project, Gunn B B Kristensen (Norwegian Quality Improvement of Laboratory Examinations, Noklus, Norway)	A2 Modern hematology laboratory <i>Chair: Satu Mustjoki</i> 10:15 Digital microscopy and diagnostics supported by artificial intelligence, Johan Lundin (Institute for Molecular Medicine, FIMM, Finland) 10:45 Transforming diagnostics of hematological malignancies using next-generation sequencing, Richard Rosenquist Brandell (Karolinska Institute, Sweden) 11:15 Application of Mass Cytometry (CyTOF) in hematology, Bjørn T Gjertsen (University of Bergen, Norway)	A3 Bioinformatics in the laboratory <i>Chair: Jussi Paananen</i> 10:15 Introduction to Clinical Bioinformatics, Jussi Paananen, (University of Eastern Finland, Finland) 10:45 Informatics strategy for rare disease diagnostics using whole genome sequencing, Valterri Wirta (Karolinska Institute, Sweden) 11:30 Challenges and solutions for clinical bioinformatics, Massimiliano Gentile (Blueprint Genetics Ltd, Helsinki, Finland)
12:15-14:00	Lunch & Exhibition		
	Company session 1, 12:45-13:15 BREAK Company session 2, 13:30-14:00 Abbott	Company session 3, 12:45-13:15 Roche Diagnostics BREAK Company session 4, 13:30-14:00 Thermo Fisher Scientific	Company session 5, 12:45-13:15 BREAK Company session 6, 13:30-14:00 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	Coffee & Exhibition		
15:15-17:15	A4 Postanalytical quality <i>Chair: Päivi Laitinen</i> 15:15 Postanalytical quality part of total quality management, Elvar Theodorsson (Linköping University, Sweden) 15:45 How to optimize the postanalytical phase? Sverre Sandberg (University of Bergen, Norway) 16:15 How laboratories assist clinicians in utilisation of laboratory tests? An international survey in 850 European laboratories, Eva Ajzner (University of Debrecen, Hungary) 16:45 Harmonisation initiatives in the post-analytical phase, Åsne K Aarsand (Haukeland University Hospital, Norway)	A5 Update on coagulation laboratory <i>Chair: Lotta Joutsen-Korhonen</i> 15:15 Clinical and laboratory aspects of anticoagulant monitoring, Riitta Lassila (University of Helsinki, Finland) 15:45 APTT - Sixty-five years of age but far from retired, Andreas Hillarp (Lund University, Sweden) 16:15 Proper use of coagulation laboratory tests, Timea Szanto (HUSLAB, Finland) 16:45 Platelet function testing, Anne-Mette Hvas (Aarhus University, Denmark)	A6 Cardiovascular laboratory testing <i>Chair: Kari Pulkki</i> 15:15 Update on the EAS-EFLM consensus recommendations for dyslipidemia testing, Michel Langlois (University of Ghent, Belgium) 15:55 Lipidomics and cardiometabolic risk markers, Reijo Laaksonen (Finland) 16:35 Biomarkers testing in cardiovascular disease – current and future strategies, 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	Coffee & exhibition		
10:15-12:15	B1 Laboratory and the silent liver disease <i>Chair: Onni Niemelä</i> 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 Institute, 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 <i>Chair: Kristiina Aittomäki</i> 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 Specificity of potential biomarkers for cardiometabolic diseases - Emma Raitoharju (University of Tampere) 11:45 What is new in cancer genetic testing? Juha Kononen (University Hospital of Tampere, Finland)	B3 Newborn screening <i>Chair: Anna Linko-Parvinen</i> 10:15 Neonatal biochemical screening in Denmark, Allan Lund (Copenhagen University Hospital, Denmark) 10:45 Newborn screening in Norway – experiences after six years of expanded newborn screening and recent advances, Ingrid Saeves (Oslo University Hospital, 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 7, 12:45-13:15 BREAK Company session 8, 13:30-14:00 Abbott Oy	Company session 9, 12:45-13:15 Roche Diagnostics BREAK Company session 10, 13:30-14:00	Company session 11, 12:45-13:15 PerkinElmer Finland Oy Future Trends in Neonatal Screening - Marika Kase (PerkinElmer) BREAK 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>		
14:50-15:15	Coffee & Exhibition		
15:15-17:15	B4 IT safety and the laboratory <i>Chair: Solveig Linko</i> 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 (GGI, Finland) 16:15 Patient-safe IT and the modern laboratory, Samuli Niiranen (Tampere University of Technology, Finland) 16:45 IT continuity in a modern automation laboratory, Tim McIlwaine (Lancashire NHS Foundation Trust, UK)	B5 Do we matter? Impact of laboratory medicine <i>Chair: Howard Morris</i> 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, Vim van der Helm (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, Ísleifur Ólafsson (National University Hospital of Iceland, Iceland)	B6 The Lorentz Eldjarn Prize Competition for Best Publication 2018 <i>Chair: Jens Petter Berg</i>
19:30-23:00	Congress Dinner, Crowne Plaza Helsinki		

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	Coffee & Exhibition		
10:15-12:15	C1 Diabetes and the laboratory <i>Chair: Mikael Knip</i> 10:15 New classification of diabetes – is there a need?, Tiinamajala 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)	C2 Clinical chemistry workshop on Publication Ethics & Scientific writing <i>Chair: Outi Itkonen</i> 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	C3 International collaboration, exciting opportunities for the laboratory doctor <i>Chair: Yngve Thomas Bliksrud</i> 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
12:15-13:00	Closing Ceremony and Welcome to the XXXVII Nordic Congress in Clinical Chemistry, NFKK2020 in Trondheim, Norway		