

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 President, Italy) Chair: Kari Pulkki
16:30	<i>BREAK</i>
16:45	The Astrup Prize Competition 2018 Three presentations Chair: Lars Melholt Rasmussen
18:15-20:00	<i>Get-together Reception, Finlandia Hall Piazza</i>

TIME	WEDNESDAY 13 JUNE		
8:30-9:00	Exhibition		
9:00-9:45	Future of laboratory medicine - Graham Beastall (University of Glasgow, United Kingdom) Chair: Päivi Laitinen		
9:45-10:15	<i>Coffee & Exhibition</i>		
10:15-12:15	A1 Nordic standardization of the preanalytical phase Chair: Mads Nybo 10:15 Presentation of the Nordic working group for preanalytical issues - Mads (Odense University Hospital, Denmark) 10:20 European sampling guideline – Janne Cadamuro (University Hospital Salzburg, Paracelsus Medical University, 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 Chair: Satu Mustjoki 10:15 DigiDigital microscopy and diagnostics supported by artificial intelligence - Johan Lundin (Institute of 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 - Speaker TBA	A3 Bioinformatics in the laboratory Chair: Jussi Paananen 10:15 Introduction to Clinical Bioinformatics - Jussi Paananen, (University of Eastern Finland, Finland) 10:45 Rare variant diagnostics using whole-genome sequencing - Valtteri Wirta (Karolinska Institute, Sweden) 11:30 Challenges and solutions for clinical bioinformatics, Massimiliano Gentile (Blueprint Genetics Ltd, Helsinki, Finland)
12:15-14:00	<i>Lunch & Exhibition</i>		
	Company session 1, 12:45-13:30	Company session 3, 12:45-13:30	Company session 5, 12:45-13:30
	<i>BREAK</i>	<i>BREAK</i>	<i>BREAK</i>
	Company session 2, 13:30-14:00 Abbott Oy	Company session 4, 13:30-14:00 Roche Diagnostics	Company session 6, 13:30-14:00 Siemens Healthineers
14:00-14:45	Recent Advances in Clinical Mass Spectrometry - Ravinder Singh (Mayo Clinic, United States) Chair: Outi Itkonen		
14:45-15:15	<i>Coffee & Exhibition</i>		
15:15-17:15	A4 Postanalytical quality Chair: Päivi Laitinen 15:15 Postanalytical quality part of total quality management - Elvar Theodorsson (Linköping University, Sweden) 15:45 How to optimize the postanalytical phase? - Sverre	A5 Update on coagulation laboratory Chair: Lotta Joutsu-Korhonen 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-	A6 Cardiovascular laboratory testing Chair: Kari Pulkki 15:15 Update on the EAS-EFLM consensus recommendations for dyslipidemia testing - Michel Langlois (Belgium) 15: 55 Lipidomics and cardiometabolic risk markers - Reijo

NFKK 2018, Program DRAFT, 01.12.2017

	<p>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)</p>	<p>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) TBC</p>	<p>Laaksonen (Finland) 16:35 TBA</p>
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) Chair: Outi Itkonen		
9:45-10:15		Coffee & exhibition		
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 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 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 Testing for mitochondrial disorders – Speaker TBA 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 Newborn screening in Norway – experiences after five years of expanded newborn screening and recent advances - Ingjerd Sæves (University of Oslo, Norway) 10:45 Expanded neonatal screening in Finland – first experiences - Harri Niinikoski (University of Turku, Finland) 11:15 Title TBA - Rolf Zetterström (Karolinska Institute, Sweden) 11:45 Neonatal biochemical screening in Denmark – Allan Lund (Copenhagen University Hospital, Denmark)
12:15-14:00		Lunch & Exhibition		
		Company session 7, 12:45-13:15	Company session 9, 12:45-13:15	Company session 11, 12:45-13:15 Perkin Elmer Finland Oy Future Trends in Neonatal Screening - Marika Kase, Global Business Director, PerkinElmer
		<i>BREAK</i> Company session 8, 13:30-14:00 Abbott Oy	<i>BREAK</i> Company session 10, 13:30-14:00 Roche Diagnostics	<i>BREAK</i> Company session 12, 13:30-14:00
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 Limnäll (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 IT continuity in a modern automation laboratory – Speaker TBA	B5 Do we matter? Impact of laboratory medicine Chair: Howard Morris 10:15 Title TBA – Howard Morris (SA Pathology, Australia) 10:45 Critical risk evaluation – Helen Martin (SA Health, Australia) 11:15 Title and speaker TBA 11:45 Title and speaker TBA	B6 The Lorentz Eldjarn Prize Competition for Best Publication 2018 Chair: Jens Petter Berg
19:30-23:00		Congress Dinner - Crown Plaza Helsinki		

TIME	FRIDAY 15 JUNE		
8:30-9:00	Exhibition		
9:00-9:45	Nature and Health - Tari Haahtela (University of Helsinki, Finland) Chair: Kari Pulkki		
9:45-10:15	<i>Coffee & Exhibition</i>		
10:15-12:15	C1 Diabetes and the laboratory Chair: Mikael Knip 10:15 The diagnostic criteria for diabetes - is there a need for updating? - Speaker TBA 10:45 New biomarkers for type 1 diabetes - Speaker TBA 11:15 New devices and tools for monitoring the metabolic control of diabetes - a threat to the routine clinical laboratory? - Speaker TBA 11:45 Title and Speaker TBA	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	C3 International collaboration Chair: Yngve Thomas Blikrud 10:15 IFCC – Speaker TBA 10:45 EFLM – Speaker TBA 11:15 NFKK – Speaker TBA
12:15-13.00	Closing Ceremony and Welcome to the 37 th Nordic Congress in Clinical Chemistry, NFKK2020 in Trondheim, Norway		