

## Program NSFT Vintermøte 2020

Torsdag 23. januar			
13:00 - 14:30	<b>Lunsj</b>		
<b>Velkommen</b> <i>v/ NSFTs leder Mohammad Nouri Sharikabad</i> Besseggen			
<b>Fellessymposium: ADHD</b> <i>Møteleder: Mohammad Nouri Sharikabad (FHI)</i> Besseggen			
14:40 - 15:10	Prenatal toxic exposure and risk of neurodevelopmental disorders – the NeuroTox project  <i>Heidi Aase (Folkehelseinstituttet)</i>		
15:10 - 15:40	Biologiske årsaker til ADHD og nye legemiddeltargets  <i>Jan Haavik (Universitetet i Bergen)</i>		
<b>Pause</b>			
<b>Priser for årets beste artikler</b> <b>Fellessymposium</b> <i>Møteledere: Jason Matthews (UiO) / Jenny Lund (UiO)</i> Besseggen			
16:00 - 16:20	Effect of CYP2D6 Genotype on Exposure and Efficacy of Risperidone and Aripiprazole: A Retrospective, Cohort Study  <i>Robert L Smith (Diakonhjemmet; Årets farmakologiartikkel)</i>		
16:20 - 16:40	Cellulose Nanocrystals Modulate Alveolar Macrophage Phenotype and Phagocytic Function  <i>Johanna Samulin Erdem (STAMI)</i>		
<b>Kaffe</b>			
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <b>Toksikologi: Polarforskning</b>  <i>Møteleder: Jason Matthews (UiO)</i>            Besseggen 1         </td> <td style="width: 50%; text-align: center;"> <b>Farmakologi: Type 2-diabetes</b>  <i>Møteleder: Jenny Lund (UiO)</i>            Besseggen 2         </td> </tr> </table>		<b>Toksikologi: Polarforskning</b> <i>Møteleder: Jason Matthews (UiO)</i> Besseggen 1	<b>Farmakologi: Type 2-diabetes</b> <i>Møteleder: Jenny Lund (UiO)</i> Besseggen 2
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	<i>Heli Routti (Norwegian Polar Institute)</i>	
17:40 - 18:10	<p>Effects of complex petroleum mixtures to Barents Sea key fishes – recent results on species sensitivity and a novel hypothesis that may lead to a paradigm shift in the field of research</p> <p><i>Jasmin Nahrgang (The Arctic University of Norway)</i></p>	<p>Nye legemiddeltargets i behandling av diabetes</p> <p><i>Arild C. Rustan (UiO)</i></p>
18:10 - 18:40	<p>The role of the altricial-precocial spectrum for pollutant loads and effects in marine mammal offspring</p> <p><i>Bjørn Munro Jensen (NTNU)</i></p>	
19:30	<b>Samling i baren</b>	
20:00	<b>Middag</b>	

## Fredag 24. januar

12:30 - 14:00	<b>Lunsj</b>
<b>Fellessymposium: Antibiotikaresistens</b> <i>Møteleder: Mohammad Nouri Sharikabad (Folkehelseinstituttet)</i> Besseggen	
14:00 - 14:30	Tackling AMR - the public health perspective <i>Jasper Littmann (Folkehelseinstituttet)</i>
14:30 - 15:00	Optimalisering av antibiotikaforskrivning - Hvordan vil intervensjoner på systemnivå påvirker forskrivning av antibiotika <i>Hege Salvesen Blix (FHI og UiO)</i>
<b>Kaffe</b>	

<b>Frie foredrag</b>			
<b>Toksikologi</b> <i>Møteleder: Odd Andre Karlsen (UiB)</i> Besseggen 1		<b>Farmakologi</b> <i>Møteleder: Kristine Hole (Diakonhjemmet)</i> Besseggen 2	
15:30	Prenatal exposure to metals and associations with ADHD and ASD in children <i>Thea S. Skogheim (FHI)</i>	Effect of low calorie diet on the activity of hepatic transporter OATP1B1 in patients with severe obesity <i>Markus H. Hovd (UiO)</i>	15:30
15:40	Effects of combined exposure to nicotine and HEMA <i>Solveig Uvsløkk (NIOM)</i>	Allosteric enhancement of the natriuretic peptide receptor A with small molecules <i>Henriette Andresen (UiO/OUS)</i>	15:40
15:50	Aminated polystyrene nanoparticles affect the early life development and life cycle of the marine copepod <i>Tisbe battagliai</i> : role of surface functionalisation <i>Anastasia Georgantzopoulou (NIVA)</i>	Opioider ved behandling av kroniske sterke smerter <i>Svetlana Skurtveit (FHI/UiO)</i>	15:50

16:00	Integrated strategy for toxicity prediction and hazard ranking of feed additives and contaminants using (Q)SAR and nontargeted high-resolution mass spectrometry <i>J.D. Rasinger (IMR)</i>	The effect of the $\beta$ 2 – adrenergic receptor agonist terbutaline on cultured human myotubes <i>Christine Skagen (UiO)</i>	16:00
16:10	Polar cod and Goliat: How an oil spill may affect polar cod reproduction <i>Leah Catherine Strople</i>	Kombinasjonsbruk av valproat og lamotrigin assosiert med klozapins metabolittmønster <i>Anh Thu Tran (Diakonhjemmet/UiO)</i>	16:10
16:20	Adapting a liver slice culture method for ex vivo toxicological studies in arctic and sub-arctic fish species during sampling cruises <i>Fekadu Yadetie (UiB)</i>	Electrical pulse stimulation of human primary myotubes affects the protein cargo of extracellular vesicles released to the cell media <i>Vigdis Aas (OsloMet)</i>	16:20
16:30	Development of in vitro models to study environmental factors influencing gill epithelial function <i>Anita Solhaug (VI)</i>	Identification of new candidate CYP2C19 variants causing ultrarapid metabolism <i>Line S. Bråten (Diakonhjemmet/OsloMet)</i>	16:30
<b>Pause</b>			
17:00	A battery of Atlantic cod ( <i>Gadus morhua</i> ) stress-activated receptors as a bioassay tool to analyse sediment extracts <i>Siri Øfsthus Goksøy (UiB)</i>	Compartmentation of natriuretic peptide signalling – are interacting proteins involved? <i>Lise Román Moltzau (UiO/OUS)</i>	17:00
17:10	Biological responses in Atlantic cod ( <i>Gadus morhua</i> ) exposed to polycyclic aromatic hydrocarbons and perfluoroalkyl substances <i>Karina Dale (UiB)</i>	Extrapolating an adult tacrolimus population pharmacokinetic model to pediatric renal transplant recipients <i>Andrea Storås (UiO)</i>	17:10
17:20	Expression and localization of the aryl hydrocarbon receptors and cytochrome P450 1A during early development of atlantic cod ( <i>Gadus morhua</i> ) <i>Libe Aranguren-Abadía (UiB)</i>	Studies on the cysteine protease legumain in cardiovascular disease <i>Ngoc Nguyen Lunde (UiO)</i>	17:20
		Early changes in cardiac performance caused by calcineurin inhibitors – a marker of long-term organ toxicity? <i>Bernadin Ndongson-Dongmo (UiO/OUS)</i>	17:30

		DSSLepr rats as a new animal model of heart failure with preserved ejection fraction (HFpEF) for testing new pharmacological treatment strategies <i>Vladimir Nikolaev Martinov (UiO/OUS)</i>	17:40
		Identification of a novel polymorphism associated with reduced clozapine concentration in schizophrenia patients – a GWAS adjusting for smoking habits <i>Robert L. Smith (Diakonhjemmet)</i>	17:50
		Spatial signaling of cGMP in nanodomains modifies heart function <i>Kjetil Wessel Andressen (UiO)</i>	18:00
<b>Pause</b>			
<b>Postervisning</b> (3 min presentasjoner etterfulgt av diskusjon ved postere)			
<b>Toksikologi</b> <i>Møteleder: Jason Matthews (UiO)</i> Besseggen 1 (kl. 17:40)		<b>Farmakologi</b> <i>Møteleder: Jenny Lund (UiO)</i> Besseggen 2 (kl. 18:20)	
<ul style="list-style-type: none"> <li>– The <i>in vitro</i> toxicity of a dental resin monomer varies among different cell culture models <i>Bergitte P. Olderbø (NIOM)</i></li> <li>– Effect of methacrylates and nanoparticles used in dental materials on A549 lung epithelial cells <i>Svava K. Bjarnadóttir (UiO/NIOM)</i></li> <li>– The effect of lipopolysaccharide from E.coli serotypes on interleukin-1<math>\beta</math> release in RAW 264.7 <i>Mathias Fon (UiO/NIOM)</i></li> <li>– Associations between urine phthalate metabolites and thyroid function in pregnant women and the influence of iodine status <i>Gro D. Villanger (FHI)</i></li> <li>– Exposure assessment of phthalates based on aggregated exposure from food and personal care products: creation of a concentration database <i>Athanasios Gkrillas (FHI)</i></li> </ul>		<ul style="list-style-type: none"> <li>– Poly ADP-ribose polymerase 7 (PARP7) and mono-ADP-ribosylation regulate Estrogen Receptor <math>\alpha</math> (ER<math>\alpha</math>) signaling <i>Marit Rasmussen (UiO)</i></li> <li>– Effekten av høy dose omega-3 fettsyrer på farmakokinetikken til takrolimus og mykofenolat i nyretransplanterte pasienter <i>Berfin Gence (UiO)</i></li> <li>– Effekt av teriparatid på differensiering og regulering av cysteinproteaser i osteoblaster <i>Nasra Ciyow (UiO)</i></li> <li>– Immunsuppressive legemidler og tarmmikrobiomet: farmakokinetikk- og mikrobiomvariasjon og effektforskjeller <i>Maja Rannem Bilden (UiO)</i></li> <li>– Differensiering av RAW264.7 til osteoklaster og karakterisering av cysteinproteaser i osteoklaster <i>Arthii Mohanachandran (UiO)</i></li> </ul>	

<ul style="list-style-type: none"> <li>- Nicotine promote the toxicity of resin-based biomaterials by impairing lysosomal function <i>Jonas Lundh Berner (UiO/NIOM)</i></li> <li>- Results from the Norwegian human biomonitoring study in the EuroMix project: Exposure to the pesticides boscalid and imazalil from the diet in Norway <i>Friederike Sonnet (FHI)</i></li> <li>- Effects of air pollution particles from two tunnels in Norway in lung epithelial cells <i>Tonje Skuland (FHI)</i></li> <li>- How much chemicals with PFAS do we use in Norway? A data register study based on data from 2009-2017. <i>Merete Grung (NIVA)</i></li> <li>- Fortsatt målbar radioaktivitet i beitevekster og hjortedyr i Norge etter Tsjernobyl-ulykken <i>Aksel Bernhoft (VI)</i></li> <li>- Mixture effects of benzo[a]pyrene and perfluoroalkyl substances on the aryl hydrocarbon receptor signalling pathway and energy metabolism of Atlantic cod (<i>Gadus morhua</i>) <i>Torill Horvli (UiB)</i></li> <li>- Functional Characterization of Atlantic Cod (<i>Gadus morhua</i>) Peroxisome proliferator-activated receptor alpha 1 and 2 <i>Kristianne Hjorth Viken (UiB)</i></li> <li>- Predicting environmental risks of pharmaceuticals in Norwegian surface water <i>Samuel A. Welch (NIVA)</i></li> </ul>	<ul style="list-style-type: none"> <li>- For høye opioiddoser ved behandling av kroniske sterke smerter? <i>Emilie Elise Heggen (NTNU)</i></li> <li>- Effekt av cysteinproteasen legumain på celleviabilitet etter fotodynamisk terapi <i>Kristine Løkke Olsen (UiO/OUS)</i></li> </ul>
<b>Posterdiskusjon</b>	
20:00	<b>Middag</b>
22:00 - 22:30	<b>Kveldsnytt: Pest eller kolera? Hva er verst?</b> <i>Siamak Yazdankhah</i> Besseggen

# Lørdag 25. januar

## Generalforsamling og årsmøter

09:00 - 09:30	Årsmøte Seksjon for toksikologi Besseggen 1	Årsmøte Seksjon for farmakologi Besseggen 2
09:30 - 10:30	Generalforsamling Norsk Selskap for Farmakologi og Toksikologi Besseggen 2	
12:30 - 14:00	<b>Lunsj</b>	
<b>Beitoforelesningen 2020 (BCPT-sponsored)</b> <i>Møteleder: Jason Matthews (UiO)</i> Besseggen		
14:00 - 14:45	Using fish cells to build micro-organs that help us better understand the risk of pharmaceuticals in the environment <i>Stewart Owen (AstraZeneca)</i>	
<b>Nordic symposium (BCPT-sponsored)</b> <b>Doping</b> <b>Fellessymposium</b> <i>Møteleder: Rigmor Solberg (UiO)</i> Besseggen		
14:50 - 15:20	Beta2-adrenergic agonists - from obesity to athletes <i>Morten Hostrup (Københavns universitet)</i>	
<b>Kaffe</b>		
15:50 - 16:20	Doping som etisk dilemma <i>Sigmund Loland (Norges Idrettshøgskole)</i>	
16:20 - 16:50	Blood doping in sports – current challenges and ways of detection <i>Yvette Dehnes (Oslo universitetssykehus)</i>	
<b>Pause</b>		

<b>Luftforurensing</b> <i>Møteleder: Jason Matthews (UiO)</i> Besseggen 1		<b>Immunfarmakologi/  nye behandlingsprinsipper</b> <i>Møteleder: Helene Dugstad (Novartis)</i> Besseggen 2	
17:10 - 17:40	Health effects of air pollution <i>Marit Låg (FHI)</i>	Design of the next generation of biologics <i>Stian Foss (UiO)</i>	17:10 - 17:40
17:40 - 18:10	Hvordan jobber myndighetene for trygg utendørsluft i Norge? <i>Line Merete Karlsøen (Miljødirektoratet)</i>	Exploiting exosomes as therapeutic delivery vehicles in cancer therapy <i>Marit Inngjerdingen (UiO)</i>	17:40 - 18:10
18:10 - 18:40	Verdibasert ventilasjon Inneklima, mennesker og virus – risikovurderinger og tiltak? <i>Jan Vilhelm Bakke (pensjonert overlege i Arbeidstilsynet)</i>		
20:00	<b>Festmiddag</b>		

<b>Søndag 26. januar</b>	
08:00 - 12:00	<b>Brunsj</b>