

Danish Diabetes Academy

Non-coding RNAs in Metabolic Disease

6-8 May 2019

Novo Nordisk Foundation Tuborg Havnevej 19 DK-2900 Hellerup

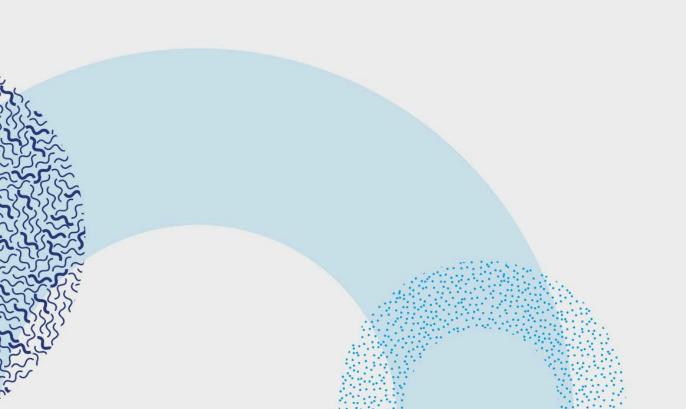
Programme Monday 6 May



08:30-09:30	Registration, coffee & breakfast
Session I	Keynote Lectures Chairs: Professor Louise Dalgaard, MSc. PhD Søren Nielsen & Professor Jan-Wilhelm Kornfeld
09:30-09:45	Welcome Professor Louise Dalgaard, MSc.PhD Søren Nielsen & Professor Jan-Wilhelm Kornfeld
09:45–10:30	New roles for old ncRNA: Tuning the ribosome in health and disease
	Keynote Speaker Professor Anders Lund BRIC, University of Copenhagen, DK Keynote Speaker
10:30–10:45	Q&A
10:45–11:30	Non-coding RNAs as therapeutic targets for cardiovascular disease
	Keynote Speaker Professor Stefanie Dimmeler Institute for Cardiovascular Research, Frankfurt/Main, DE
11:30–11:45	Q&A
11:45–12:00	Short talk selected from submitted abstracts
12:00-13:00	Lunch break & poster session
Session II	Prediabetes and intergenerational metabolic disease Chair: Søren Nielsen
13:00–13:45	piRNAs in intergenerational reprograming
	Ass. Professor Adelheid Lempradl Van Andel Research Institute, US
13:45–14:30	Implication of small RNAs in gametic inheritance induced by metabolic insult

Professor Romain Barrès	
Novo Nordisk CBMR, Copenhagen,	DK

14:30–14:45	Short break	
14·45–15·00	Short talk selected from submitted abstracts	



Session III	Exercise physiology, muscle atrophy and regeneration Chair: Søren Nielsen
15:00–15:45	Skeletal muscle microRNAs and regulation of metabolism
	Professor Anna Krook Karolinska Institute, Stockholm, SE
15:45–16:00	Short break
16:00–16:45	Mitochondrial non-coding RNAs as new regulators of skeletal muscle function Senior Lecturer Dr. Severine Lamon Deakin University, Burwood, AUS
16:45–17:00	Short talk selected from submitted abstracts
19:00–	Dinner for participants at Brdr Price, Glassalen, Tivoli

Programme Tuesday 7 May

08:30-09:00	Coffee & breakfast
Session IV	Non-coding RNAs in pancreas biology Chair: Professor Louise Dalgaard
09:00-09:15	Welcome Professor Louise Dalgaard
09:15-10:00	A multi-center, multi-ethnic cfDNA and microRNA profiling analysis for Type 1 Diabetes
	Ass. Professor Anand Hardikar The University of Sydney & NHMRC Clinical Trials Centre, AUS
10:00-10:45	MicroRNAs in the regulation of insulin- and glucagon secretion
	Professor Lena Eliasson Lund University Diabetes Center, SE
10:45-11:00	Short break
11:00-11:45	Long non-coding RNA regulation of islet function
	Professor & Director of Basic and Translational Research Lori Sussel
	Barbara Davis Diabetes Center, University of Colorado, US
11:45-12:00	Short talk selected from submitted abstracts
12:00-13:00	Lunch break & poster viewing
Session V	Non-coding RNAs in liver metabolism Chair: Jan-Wilhelm Kornfeld
13:00-13:45	MicroRNA drivers of NAFLD Ass. Professor Praveen Sethupathy Cornell University, NewYork, US



13:45-14:30	TBA
	Group Leader Dr. Haiming Cao NIH, Bethesda, US
14:30-14:45	Short break
14:45-15:30	Regulation of microRNA biogenesis
	Ass. Professor Ulf A. Ørom Aarhus University, DK
15:30-16:15	TBA
	Professor Kathryn J Moore NY University Langone Health, US

Programme Wednesday 8 May

08:30-09:00	Coffee & breakfast
Session VI	Adipocyte noncoding networks Chair: Professor Jan-Wilhelm Kornfeld
09:00-09:15	Welcome Professor Jan-Wilhelm Kornfeld
09:15-10:00	Explore the function of non-coding genes in adipose tissue
	Ass. Professor Lei Sun DUKE-NUS Medical School, Singapore
10:00-10:45	Long non-coding RNAs as regulators of human fat cell development and function
	Professor Peter Arner Karolinska Institute, Stockholm, SE
10:45-11:00	Short break
11:00-11:45	miRNA-mediated adipose/muscle crosstalk controls metabolic adaptation to exercise
	Professor Marcelo Mori U Campesinas, BR
11:45-12:00	Short talk selected from submitted abstracts
12:00-13:00	Lunch break & poster viewing (Editors Corner)
Session VII	Clinical and translational studies Chair: Professor Louise Dalgaard
13:00-13:45	Circulating MicroRNAs & Proteomics: From Biomarkers to a New Understanding of Pathophysiology in Cardiometabolic Diseases
	Professor Manuel Mayr



		King's College London, UK
	13:45-14:30	Role of placental exosomes regulating glucose systemic homeostasis in normal and gestational diabetes mellitus pregnancies
		Group Leader Dr. Carlos Salomon University of Queensland, Brisbane, AUS
	14:30-15:15	Endothelial non-coding RNAs in cardiometabolic disease
		Ass. Professor Mark Feinberg Brigham and Womens Hospital/Harvard Medical School, Boston, US
	15:15-15:30	Short break
	15:30-15:45	Short talk selected from submitted abstracts
	15:45-16:00	Short talk selected from submitted abstracts
	16:00-16:15	Closing remarks Professor Louise Dalgaard, MSc.PhD Søren Nielsen & Professor Jan-Wilhelm Kornfeld