



NORHEART
THE NORWEGIAN SCHOOL OF HEART RESEARCH



11-12th of May 2026 – UiT the Arctic University of Norway

NORHEART Seminar: "Mechanisms in Cardiac Metabolism and Mitochondrial function: Highlighting Translational Aspects»

Lunch-to-lunch seminar hosted by UiT on May 11-12th 2026 titled "Mechanisms in Cardiac Metabolism and Mitochondrial function: Highlighting Translational Aspects». This seminar aims to foster collaboration and exchange knowledge on ongoing and planned research projects in the fields of metabolism and cardiac research.

The event will feature presentations from local researchers, invited speakers, and other participants. Additionally, there will be time in the program dedicated to discussing translational potential in cardiac research, models and techniques.

Sessions and panel discussions will be held at AUD1- MH-building, UiT. It is also possible to attend at the links provided if you are not able to attend.

Norheart Seminar May 11 (Day 1)

Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/339061702949676?p=hu6fBVjZXfNIXpgktM>

Meeting ID: 339 061 702 949 676

Passcode: Ly3ar3NX

Norheart Seminar May 12 (Day 2)

Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/383818002971238?p=Xere37T9FRoN6WcdcT>

Meeting ID: 383 818 002 971 238

Passcode: f4ss7xF2

11th of May 2026 Sessions held in Aud 1 MH1-building UiT

SESSION 1 – Highlighting translational research on cardiac metabolism		
Time	Title	Speaker
11:30-12:45	LUNCH in “Lysgården” MH-building	
12:45-13:00	Welcome	Anne D Hafstad
13:00-14:00	“Translational medical research – examples and future perspectives”	Mathis Korsberg Stokke (UiO/OUS)

14:00-14:30	“Echocardiography in Limb-Girdle Muscular Dystrophy: Refinement of methods and handling of artefacts”	Assami Rösner (IKM, UiT/UNN)
14:30-14:45	Coffee break	
14:45-15:00	«A porcine model for translational studies of Sepsis-Associated Acute Kidney Injury»	Kjellbjørn Jakobsen (IKM, UiT/UNN)
15:00-15:30	“ <i>In vivo</i> mice models of infective endocarditis”	Brage Håheim (IMB, UiT)
15:30-16:00	Panel discussion: How to increase translational potential in cardiac research	Moderator: Neoma Boardman (UiT)
18-21	Dinner at Suvi - Tromsø city center	

12th of May 2026 Sessions held in Aud 1 MH1-building -UiT

SESSION 2 – Mitochondrial morphology and function in pre-clinical models of cardiovascular research		
Time	Title	Speaker
09:00-09:15	“Liver-heart crosstalk in fructose-mediated metabolic dysfunction”	Joanna Konieczny (IMB, UiT)
09:15-09:30	“Modifications to the mitochondrial stress test protocol when studying brown adipose tissue in the Seahorse XFe96 Analyzer - Part 2”	Pauke Schots (BFE, UiT)
09:30-09:45	“Assessing mitochondrial transfer in hiPSC-derived cardiomyocytes and engineered heart tissues”	Mauro Calvoli (IKM, UiT)
09:45-10:00	“Mitochondrial remodeling in response to cardiotoxic stress”	Nelsy Efundem Tabako-Foncha (IMB, UiT)
10:00-10:15	"Multi-modal light-sheet system for fast and gentle volumetric imaging".	Jon-Richard Sommernes (NTFAK, UiT)
10:15-10:40	Coffee break	
10:40-11:00	“Focus on engineered heart tissue transplantation: The HeartVision project”	Åsa B Birgisdottir (IKM, UiT/UNN)
11:00-11:20	“Lipid droplet dynamics in the cell”	Viola Nahse (IMB, UiT)
11:20-11:40	“Discovery of Novel Small Extracellular Vesicle MicroRNA Biomarkers in Pericardial Fluid: Potential for Enhancing the Diagnosis of Ischemic Heart Disease in Patients with Acute Myocardial Infarction”	Øystein Røsand (NTNU)
11:40-12:00	Coffee break	
12:00-12:45	“Metabolic reprogramming in the diseased heart: the role of redox signalling and intermediary metabolism”	Anna Zoccarato (Kings college London)
12:45-13:15	Panel discussion –Preclinical models in experimental cardiac research – caveats and possibilities. Closing remarks	Moderator: Åsa Birgisdottir (UiT)
13:15....	Lunch followed by a tour of our labs at UiT for those who want to join!	