

8th Annual

CHFR SYMPOSIUM

September 30 - October 1, 2010 Holmenkollen Park Hotel Rica, Oslo, Norway

Program and call for abstracts

You are cordially invited to a symposium on recent advances in basic and clinical heart research. The symposium is open to all clinical and basic researchers, and it provides a unique meeting place for regional, national and international interaction.

Electronic submission of abstracts for the moderated poster sessions is open for all seminar attendees. PhD students of the PhD School of Heart Research are especially encouraged to participate, and are entitled to receive study points. The best poster in each session will be awarded with NOK 5.000. There is no registration fee.

Registration deadline
August 20, 2010

Abstract deadline
June 11, 2010

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Center for
Heart Failure Research

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08:00-08:20 Registration
08:20-08:30 Welcome: Geir Christensen, OUHU, UoO

● Session A: Cardiomyopathy and myocardial hypertrophy

Chairs: Otto Smiseth, OUHR, UoO and Theis Tønnessen, OUHU, UoO

08:30-09:10 Christine Seidman, Harvard Medical School, Boston, Massachusetts, USA
Cardiomyopathy: From mutation to mechanism

09:10-09:40 Heikki Ruskoaho, University of Oulu, Finland
Molecular mechanisms of cardiac hypertrophy and heart failure

09:40-10:00 Break

● Session B: Moderated poster sessions (10:00-11:30)

I: Inflammatory mediators in heart failure
Moderators: Arne Yndestad, OUHR and Ingebjørg Seljeflot, OUHU, UoO

II: Cellular signaling in heart failure and myocardial ischemia
Moderators: Geir Øystein Andersen, OUHU, UoO and Terje Larsen, UoT

III: Cardiac and skeletal muscle function in heart failure
Moderators: Øyvind Ellingsen, NTNU and Ivar Sjaastad, OUHU, UoO

IV: Cardiac imaging and markers of cardiovascular disease
Moderators: Reidar Bjørnerheim, OUHU and Helge Røsjø, AUH

V: Mechanisms of heart failure
Moderator: Erik Øie, OUHR

11:30-12:30 Lunch

● Session C: Publication issues and novel therapeutical approaches

Chairs: Dan Atar, OUHU, UoO and Leif Erik Vinge, OUHR

12:30-12:50 Thomas F. Lüscher, University Hospital Zürich, Switzerland
How does the ESC journal family cover and prioritize the topic heart failure?

12:50-13:30 Eva van Rooij, University of Texas Southwestern Medical Center, Dallas, Texas, USA
Oligo-based modulation of miRNAs to control cardiovascular disease

13:30-14:00 Break

● Session D: Vascular disease and cardiac dysfunction

Chairs: Harald Arnesen, OUHU, UoO and Thor Edvardsen, OUHR

14:00-14:40 Boaz D. Rosen, Johns Hopkins Medical Institutions, Baltimore, Maryland, USA
Indicators of early myocardial dysfunction in asymptomatic individuals.
What was learned from the MESA study?

14:40-14:55 Thomas Weiss, Oslo University Hospital Ullevål, Norway
Expression of inflammation in adipose tissue as related to cardiovascular disease

14:55-15:25 Thomas F. Lüscher, University Hospital Zürich, Switzerland
Endothelial dysfunction in heart failure

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● Session E: Signaling in cardiac disease

Chairs: Håvard Attramadal, OUHR, UoO and Finn Olav Levy, UoO

08:30-09:10 Thomas Force, Thomas Jefferson University, Philadelphia, Pennsylvania, USA
Re-defining the role of the GSK-3 family in hypertrophy, post-MI remodeling, beta-adrenergic responsiveness, and cardiomyocyte proliferation in the adult heart

09:10-09:40 Martin J. Lohse, University of Würzburg, Germany
Cellular signaling in cardiac hypertrophy and failure

09:40-10:05 Break

● Session F: Biomarkers and mechanisms of cardiac disease

Chairs: Torbjørn Omland, AUH, UoO and Guro Valen, UoO

10:05-10:45 James Louis Januzzi, Harvard Medical School and Massachusetts General Hospital, Boston, Massachusetts, USA
Soluble ST2: Impact in cardiovascular disease?

10:45-11:00 M. Shakil Ahmed, Oslo University Hospital Rikshospitalet, Norway
Mechanisms of cardioprotection and myocardial repair - role of matricellular CCN2/CTGF

11:00-12:00 Lunch

● Session G: Arrhythmias and cardiac resuscitation

Chairs: Ole M. Sejersted, OUHU, UoO and Petter Andreas Steen, OUHU, UoO

12:00-12:40 Yoram Rudy, Washington University in St. Louis, Missouri, USA
The molecular basis of cardiac action potential repolarization

12:40-12:55 Mathis K. Stokke, Oslo University Hospital Ullevål, Norway
Mechanisms underlying non-reentrant ventricular arrhythmias in heart failure

12:55-13:10 Theresa Olasveengen, Oslo University Hospital Ullevål, Norway
Intravenous drugs during cardiac arrest

13:10-13:40 Break

● Session H: Inflammation and heart failure

Chairs: Lars Gullestad, OUHR, UoO and Pål Aukrust, OUHR, UoO

13:40-14:20 Douglas L. Mann, Washington University in St. Louis, Missouri, USA
Innate immunity and the failing heart: For whom the cell tolls

14:20-14:35 Johannes Bjørnstad, Oslo University Hospital Ullevål, Norway
The novel ALK4/5 inhibitor SM16 preserves cardiac function during pressure overload

14:35-15:15 Douglas F. Larson, University of Arizona, Tucson, Arizona, USA
Immune mechanisms associated with arterial hypertension and diastolic dysfunction

15:15-15:30 Presentation of poster prize winners

OUHU Oslo University Hospital, Ullevål
OUHR Oslo University Hospital, Rikshospitalet
OUHA Oslo University Hospital, Aker
AUH Akershus University Hospital

UoO University of Oslo
UoT University of Tromsø
NTNU Norwegian University of Sciences and Technology, Trondheim