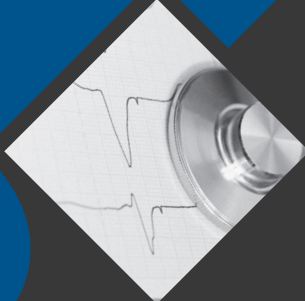


14th ANNUAL CHFR SYMPOSIUM ON
HEART FAILURE

SEPTEMBER 21-23, 2016
HOLMENKOLLEN PARK HOTEL
OSLO, NORWAY



PROGRAM 14th ANNUAL CHFR SYMPOSIUM ON HEART FAILURE

Wednesday September 21

NORHEART Cardiac Café

Chairs: Ida G Lunde and Kåre-Olav Stensløkken

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| 17:30 | Finger food |
| 18:00 | The New Circulation
Joseph A Hill, Editor-in-Chief Circulation, Harry S. Moss Heart Center and UT Southwestern Medical Center, Dallas, TX, USA |
| 19:00 | Against all Odds: Adventures in Polar Exploration
Børge Ousland, Polar Explorer, Oslo, Norway |

 **NORHEART** NORWEGIAN PhD SCHOOL OF HEART RESEARCH
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Thursday September 22

07:30-08:00 Registration and Poster Set-Up

Opening Session

Chairs: Torbjørn Omland, UoO, AUH, and Theis Tønnessen, UoO, OUH

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| 08:00-08:15 | Opening remarks
Cathrine M Lofthus, Chief Executive Officer, South-Eastern Norway Regional Health Authority, Oslo, Norway |
| 08:15-09:00 | Cardioprotection: Tale of 2 Mechanisms
Joseph A Hill, Harry S. Moss Heart Center and UT Southwestern Medical Center, Dallas, TX, USA |

09:00-09:15 Break

09:15-11:30 Moderated Poster Sessions

(in collaboration with NORHEART)

I: Biomarkers and Cardiac Disease

Moderators: Helge Røsjø, AUH and Erik Øie, Diakonhjemmet Hospital

II: Cellular Signaling: Myocardial Hypertrophy and Ischemia

Moderators: Kirsti Ytrehus, University of Tromsø and Kåre-Olav Stensløkken, UoO

III: Cardiac Function During Heart Failure and Exercise Training

Moderators: Øivind Rognmo, Norwegian University of Science and Technology and Ole-Jakob How, University of Tromsø

IV: Cellular Signaling: Myocardial Function and Arrhythmias

Moderators: Ivar Sjaastad, OUH, UoO and Leif Erik Vinge, Diakonhjemmet Hospital

V: Diagnostic and Therapeutical Strategies for Cardiac Disease

Moderators: Helga Midtbø, University of Bergen and Geir Øystein Andersen, OUH

VI: Inflammatory Mediators and Metabolism

Moderators: Arne Yndestad, UoO, OUH and Ingebjørg Seljeflot, UoO, OUH

11:30-12:30 Lunch

Cardiomyopathies and Induced Pluripotent Stem Cells

Chairs: Ida G Lunde, OUH, UoO and Finn Olav Levy, UoO

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| 12:30-13:10 | Induced Pluripotent Stem Cell (iPSC) Models of Cardiomyopathies – Are We There Yet?
Björn C Knollmann, Vanderbilt University School of Medicine, Nashville, TN, USA |
| 13:10-13:50 | An Integrated-Tension Index Predicts Myocardial Growth Dynamics in Inherited Familial Cardiomyopathy
Jeffery D Molkentin, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA |
| 13:50-14:20 | Break |

Cardiac Function in Health and Disease

Chairs: Eva Gerdtts, University of Bergen and Dan Atar, OUH, UoO

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| 14:20-15:00 | Upper Limits of Human Performance Post Heart Transplant
Mark Haykowsky, University of Texas at Arlington, TX, USA |
| 15:00-15:40 | Birth of a New Specialty in Cardiology: The New Heart Failure Doctor
Frank Ruschitzka, University Zürich, Zürich, Switzerland |

Friday September 23

Developments in Cardiac Imaging

Chairs: Thor Edvardsen, OUH, UoO and Otto A. Smiseth, OUH, UoO

- 08:15-08:55 **Imaging of Myocardial Relaxation and Filling: Mechanistic Insights and Clinical Applications**
Sherif Nagueh, Weill Cornell Medical College and Methodist DeBakey Heart and Vascular Center, Houston, TX, USA
- 08:55-09:35 **Late Gadolinium Enhancement Following Myocardial Infarction; Revealing Hidden Treasures by Probability Mapping**
Stein Ørn, Stavanger University Hospital, Stavanger, Norway
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09:35-10:05 Break

Cellular signaling in Heart Failure

Chairs: Ole M Sejersted, OUH, UoO and William E Louch, OUH, UoO

- 10:05-10:45 **CaMKII as Potential Drug Target - Role of CaMKII for Heart Failure and Arrhythmias**
Lars S Maier, Universitätsklinikum Regensburg, Regensburg, Germany
- 10:45-11:25 **Quantitative Responses to Metabolic and Mechanical Stress in Heart**
W Jonathan Lederer, University of Maryland School of Medicine, Baltimore, MD, USA
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11:30-12:30 Lunch

Cardiac Fibrosis and Peripheral Vascular Disease

Chairs: Lars Gullestad, OUH, UoO and Torbjørn Omland, AUH, UoO

- 12:30-13:10 **Secreted Glycoproteins and MicroRNA as Regulators of Cardiac Inflammation and Fibrosis in Heart Failure**
Stephane Heymans, Maastricht University Medical Centre, Maastricht, Netherlands
- 13:10-13:50 **Peripheral Artery Disease and Cardiovascular Outcome: The Link between the Legs and the Heart**
Mark Creager, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA
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13:50-14:20 Break

Arrhythmias and Resynchronization Therapy in Heart Failure

Chairs: Kristina Haugaa, OUH, UoO and Mathis K Stokke, OUH, UoO

- 14:20-15:00 **Years of Cardiac Resynchronisation Therapy - What did we Achieve - What are the Challenges?**
Cecilia Linde, Karolinska University, Stockholm, Sweden
- 15:00-15:40 **Resynchronization of the Failing Heart and Reengineering Sudden Cardiac Death Risk**
Gordon F Tomaselli, Johns Hopkins University, Baltimore, MD, USA
- 15:40-16:00 Presentation of Poster Prize Winners

AUH: Akershus University Hospital

OUH: Oslo University Hospital

UoO: University of Oslo