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

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

Thursday September 22

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

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

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 Rasjø, 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

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 Gerdts, University of Bergen and Dan Atar, OUH, UoO

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

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

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

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