



16th ANNUAL CHFR SYMPOSIUM ON  
**HEART FAILURE**

**SEPTEMBER 19-21, 2018**  
HOLMENKOLLEN PARK HOTEL  
OSLO, NORWAY

# PROGRAM 16th ANNUAL CHFR SYMPOSIUM ON HEART FAILURE

## Wednesday September 19th

### NORHEART Cardiac Café

Chairs: Ida G Lunde, OUH/UiO and Kåre-Olav Stensløkken, UiO

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| 17:30 | Finger food  |
| 18:00 | <b>The future of health are our children (Based on 50,000 subjects)</b><br>Valentin Fuster, <i>Editor-in-Chief, Journal of the American College of Cardiology</i><br><i>Icahn School of Medicine at Mount Sinai, New York, NY, USA</i> |
| 19:00 | <b>Innovative discovery and translation – A career mantra</b><br>David A Kass, <i>The Johns Hopkins Medical Institutions, Baltimore, MD, USA</i>   |

 **NORHEART** NORWEGIAN PhD SCHOOL OF HEART RESEARCH BECOME A MEMBER AT [WWW.NORHEART.NO](http://WWW.NORHEART.NO)

## Thursday September 20th

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07:30-08:00 Registration and poster set-up

### Opening session

Chairs: Sigrun Halvorsen, OUH/UiO and Mathis K Stokke, OUH/UiO

08:00-08:15 **Opening remarks**  
Øystein Krüger, *South-Eastern Norway Regional Health Authority*

08:15-09:00 **Key note lecture: New frontiers in the cardiovascular field: The science of health**  
Valentin Fuster, *Icahn School of Medicine at Mount Sinai, New York, NY, USA*

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09:00-09:15 Break

### Moderated poster sessions

in collaboration with NORHEART

#### I: Biomarkers and Cardiac Disease

Moderators: Dan Atar, UiO/OUH and Erik Øie, *Diakonhjemmet Hospital*

#### II: Cellular Signaling: Myocardial Hypertrophy and Ischemia

Moderators: Terje Larsen, *University of Tromsø* and Kåre-Olav Stensløkken, UiO

#### 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, UiO/OUH 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, UiO/OUH and Ingebjørg Seljeflot, UiO/OUH

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11:30-12:30 Lunch

### Novel approaches to assessment of cardiac function

Chairs: Helge Røsjø, *University Hospital, Uppsala* and *Akershus University Hospital/UiO* and Otto Smiseth, OUH/UiO

12:30-13:10 **Cardiac troponins beyond the acute coronary syndrome**  
Nick L Mills, *University of Edinburgh, Edinburgh, United Kingdom*

13:10-13:50 **Novel methods for quantification of left ventricular function**  
Satoshi Nakatani, *Osaka University Graduate School of Medicine, Suita, Osaka, Japan*

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13:50-14:20 Break

### Cardiac signaling in pathophysiology and therapeutics

Chairs: Ida G Lunde, OUH/UiO and Mette E Estensen, OUH

14:20-15:00 **A multi-omics approach in the era of precision medicine**  
Manuel Mayr, *King's College, London, United Kingdom*

15:00-15:40 **An overview of the epidemiology, pathogenesis, and treatment of peripartum cardiomyopathy**  
Denise Hilfiker-Kleiner, *Hannover Medical School, Hannover, Germany*

**Friday September 21st**

**New developments in cardiac imaging**

Chairs: Emil Espe, *OUH/UiO* and Thor Edvardsen, *OUH/UiO*

08:15-08:55 **Imaging atherosclerosis: From precision medicine to population Health**

Jagat Narula, *Icahn School of Medicine at Mount Sinai, New York, NY, USA*

08:55-09:35 **Echocardiographic assessment of left ventricular function for the future – beyond ejection fraction**

Thomas H Marwick, *Baker Heart and Diabetes Institute, Melbourne, Australia*

09:35-10:05 Break

**Translational perspectives on cardiac electromechanical coupling**

Chairs: Ivar Sjaastad, *OUH/UiO* and Bill E Louch, *OUH/UiO*

10:05-10:45 **PKGing apart heart disease**

David A Kass, *The Johns Hopkins Medical Institution, Baltimore, MD, USA*

10:45-11:25 **Role of abnormal intracellular calcium handling in heart failure pathogenesis**

Xander HT Wehrens, *Baylor College of Medicine, Houston, TX, USA*

11:30-12:30 Lunch

**Inflammation in cardiac disease**

Chairs: Torbjørn Omland, *Akershus University Hospital/UiO* and Lars Gullestad, *OUH/UiO*

12:30-13:10 **Inflammation in heart failure: The next therapeutic target?**

Brendan M Everett, *Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA*

13:10-13:50 **The role of cardiac innate immunity in cardiac injury and repair**

Douglas L Mann, *Washington University School of Medicine, St. Louis, MO, USA*

13:50-14:20 Break

**Cardiovascular effects of exercise in health and disease**

Chairs: Kristina H Haugaa, *OUH/UiO* and Mathis K Stokke, *OUH/UiO*

14:20-15:00 **Exercise: Can ideal therapy become the bitter pill?**

Sanjay Sharma, *St. Georges, University of London, London, United Kingdom*

15:00-16:00 Presentation of Poster Prize Winners

## LIST OF SPEAKERS 16th ANNUAL CHFR SYMPOSIUM ON HEART FAILURE

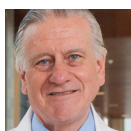
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**Nick L Mills, MD, PhD**

Professor, Chair of Cardiology, Butler British Heart Foundation Senior Clinical Research Fellow and leader of the Cardiovascular Outcomes Research Edinburgh group, University of Edinburgh; Consultant Interventional Cardiologist, Royal Infirmary of Edinburgh.  
Edinburgh, UK.

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**Valentin Fuster, MD, PhD**

Physician-in-Chief, The Mount Sinai Hospital; Director of Mount Sinai, Heart; Director of the Zena and Michael A. Wiener Cardiovascular Institute, the Marie-Josée and Henry R. Kravis Center for Cardiovascular Health and Richard Gorlin, MD/Heart Research Foundation Professor, Icahn School of Medicine, Mount Sinai; General Director of the Centro Nacional de Investigaciones Cardiovasculares Carlos III, Madrid, Spain; Chairman of the Science for Health and Education Foundation; Editor-in-chief of the Journal of the American College of Cardiology.  
New York, NY, USA

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**Satoshi Nakatani, MD, PhD**

Professor, Department of Health Sciences, Osaka University Graduate School of Medicine; Associate Editor of Heart and Editorial Board member of Cardiovascular Ultrasound.  
Suita, Osaka, Japan

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**Manuel Mayr, MD, PhD**

Professor of Cardiovascular Proteomics, British Heart Foundation Centre of Research Excellence, King's College London; Associate Editor of Cardiovascular Research and Editorial board member of Circulation and Circulation Research.  
London, UK.

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**Denise Hilfiker-Kleiner, PhD**

Professor of Molecular Cardiology, Department of Cardiology and Angiology, Work group leader of the REBIRTH Excellence Cluster and Dean of Research, Hannover Medical School; Member of the Study Group on Peripartum Cardiomyopathy and the Committee on Translational Research of the Heart Failure Association of the European Society of Cardiology.  
Hannover, Germany

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**David Kass, MD**

Abraham and Virginia Weiss Professor of Cardiology, and Professor of Medicine, Biomedical Engineering, Pharmacology and Molecular Sciences, the Johns Hopkins University School of Medicine; Director of Johns Hopkins Institute of CardioScience; Director of Research, Johns Hopkins Division of Cardiology.  
Baltimore, MD, USA

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**Jagat Narula, MD, PhD**

Professor of Medicine, Radiology, Health System & Designs and the Philip J. and Harriet L. Goodhart Chair in Cardiology, Icahn School of Medicine, Mount Sinai; Director of Cardiovascular Imaging, Mount Sinai Health System; Chief, Division of Cardiology, Mount Sinai St. Luke's Hospital; Editor-in-Chief of Global Heart.  
New York, NY, USA

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**Brendan M Everett, MD**

Director of the General Cardiology Inpatient Service, Brigham and Women's Hospital; Assistant Professor of Medicine, Harvard Medical School; Chair of the Clinical Endpoints Committee for the Cardiovascular Inflammation Reduction Trial; Editorial board member of Circulation.  
Boston, MA, USA

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**Thomas H Marwick, MD, PhD**

Professor, Director and Chief Executive, Baker Heart and Diabetes Institute; Deputy Editor of JACC: Cardiovascular Imaging and Editorial Board member of Circulation: Cardiovascular Imaging.  
Melbourne, Australia

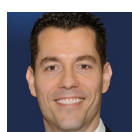
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**Sanjay Sharma, MD**

Professor of Inherited Cardiac Diseases and Sports Cardiology and Lead for the Inherited Cardiomyopathies and Sports Cardiology Unit, St George's, University of London; Cardiologist for the English Institute of Sport, British Rugby League and the British Lawn Tennis Association.  
London, UK

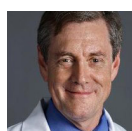
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**Xander HT Wehrens, MD, PhD**

Professor of Molecular Physiology, Director of the Cardiovascular Research Institute and Juanita P. Quigley Endowed Chair in Cardiology, Baylor College of Medicine.  
Houston, TX, USA

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**Douglas L Mann, MD**

Lewin Chair, Professor of Medicine, Cell Biology and Physiology, and Chief of the Division of Cardiology, Washington University School of Medicine; Cardiologist-in-Chief and Medical Director, Heart and Vascular Center, Barnes-Jewish Hospital. Editor-in-Chief of JACC: Basic to Translational Science.  
St. Louis, MO, USA

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**Øystein Krüger, MD**

Head of research, South-Eastern Norway Regional Health Authority.  
Oslo, Norway

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