



Heart Failure Association Winter Research Meeting 2022

In collaboration with the Working Group of Myocardial Function.

Preliminary Program

Thursday, 27th January

13:00 - 13:10	<i>T. Thum & GMC. Rosano: Welcome to Heart Failure Winter Meeting 2022</i>	10 min
13:10 - 14:20	<i>R. De Boer & I. Lunde: Session 1: The versatile HFpEF heart</i>	70 min
13:10 - 13:20	<i>SA. Cook: The stiff heart: myocardial fibrosis</i>	10 min
13:20 - 13:30	<i>E. Bertero: The hungry heart: mitochondrial dysfunction</i>	10 min
13:30 - 13:40	<i>G. Schiattarella: The fat heart: cardiomyocyte steatosis</i>	10 min
13:40 - 13:50	<i>E. Brakenhielm: The dry heart: microvascular dysfunction</i>	10 min
13:50 - 14:20	Panel discussion: What is the main mechanism driving HFpEF?	30 min
14:20 - 14:30	Break	10 min
14:30 - 15:40	<i>I. Falcao-Pires & J. Hulot: Session 2: Diagnosis and Treatment of HFpEF</i>	70 min
14:30 - 14:40	<i>L. Lund: HFpEF phenotyping for a personalized approach</i>	10 min
14:40 - 14:50	<i>P. Van Der Meer: HF phenotyping with the use of 3D tissue engineering</i>	10 min
14:50 - 15:00	<i>A. Bayes Genis: Artificial intelligence to understand HFpEF</i>	10 min
15:00 - 15:10	<i>M. Packer: SGLT2 inhibitors in heart failure</i>	10 min
15:10 - 15:40	Panel discussion: What new aspects in HFpEF should we explore in more depth?	30 min
15:40 - 15:50	Break	10 min
15:50 - 17:00	<i>G. Condorelli & A. Gonzalez Miqueo: Session 3: Mechanisms of HFpEF</i>	70 min
15:50 - 16:00	<i>T. McKinsey: HDAC inhibition in HFpEF</i>	10 min
16:00 - 16:10	<i>N. Hamdani: Epigenetics involved in HFpEF</i>	10 min
16:10 - 16:20	<i>M. Frisk: Calcium homeostasis in HFpEF</i>	10 min
16:20 - 16:30	<i>DA. Kass: Transcriptome analyses of HFpEF: Lessons learned</i>	10 min
16:30 - 17:00	Panel discussion: Do we understand HFpEF mechanistically?	30 min
17:00 - 17:10	Break	10 min
17:10 - 17:45	Special lecture: Giants, titants and the heart	35 min



17:10 – 17:30	<i>W. Linke</i> : Giants, titants and the heart.	20 min
17:30 – 17:45	<i>W. Linke - T. Thum - P. Seferovic - J. van der Velden</i> : Panel discussion - Giants, titants and the heart.	
17:45 - 17:55	<i>T. Thum</i> : Closing remarks	10 min
After the closing remark session: The Abstract sessions will be presented for closed audience by invitation only (Faculty and Abstract presenters)		

Friday, 28th January

11:40 - 11:50	<i>T. Thum & GMC. Rosano</i>: Welcome and Introduction part 2	10 min
11:50 - 13:00	<i>J. van der Velden & CG. Tocchetti</i>: Special session - Animal-free approaches in Heart Failure research	70 min
11:50 - 12:00	<i>W. Linke</i> : HFpEF models; which is the very best and why?	10 min
12:00 – 12:10	<i>I. Falcao-Pires</i> : Models to mimic valve disease – current state-of-the-art.	10 min
12:10 – 12:20	<i>T. Eschenhagen</i> : Animal-free innovations for cardiovascular research. Current status and future challenges.	10 min
12:20 – 12:30	<i>M. Giacca</i> : Will we ever do without animals for cardiovascular research?	10 min
12:30 – 13:00	Panel Discussion - Animal-free approaches in Heart Failure research	30 min
13:00 – 13:10	Break	10 min
13:10 - 14:20	<i>D. Dawson & CG. Tocchetti</i>: Session 4: Non-cardiomyocytes in HF	70 min
13:10 - 13:20	<i>G. Condorelli</i> : Inflammatory cells	10 min
13:20 - 13:30	<i>F. Prosper</i> : Fibroblasts	10 min
13:30 - 13:40	<i>M. Brittan</i> : Endothelial cells	10 min
13:40 - 13:50	<i>E. Van Rooij</i> : Non-cardiomyocytes: Insights from single-cell RNA seq analyses	10 min
13:50 - 14:20	Panel discussion - Will there be cell type specific therapeutic approaches in HF?	30 min
14:20 - 14:30	Break	10 min
14:30 - 15:40	<i>S. Van Linthout & E. Jankowska</i>: Session 5: Maintaining mobility and quality of life in HF	70 min
14:30 - 14:40	<i>S. von Haehling</i> : Guideline-recommended drugs: Pathophysiology behind mobility inducing drugs	10 min
14:40 - 14:50	<i>S. Gray</i> : Frailty – how to tackle the skeletal muscle	10 min
14:50 - 15:00	<i>A. Broussier</i> : Frailty in Wild-Type Transthyretin Cardiac Amyloidosis	10 min
15:00 - 15:10	<i>M. Piepoli</i> : Exercise training – understanding the basics	10 min
15:10 – 15:40	Panel discussion - What should we recommend to our HF patients? Can we do more basic science here?	30 min



15:40 – 15:50	Break	10 min
15:50 - 17:00	G. Condorelli & A. Gonzalez Miqueo: Session 6: Cardio-Immuno-Oncology	50 min
15:50 - 16:00	<i>J. Moslehi: Tumor Immunotherapy and Cardiotoxicity</i>	10 min
16:00 - 16:10	<i>R. De Boer: Cardiac side effects of cancer</i>	10 min
16:10 - 16:20	<i>M. Kallikourdis: T cells in HF</i>	10 min
16:20 - 16:30	<i>G. Ramos: T cells in cardiac aging and post-MI</i>	10 min
16:30 - 17:00	Panel discussion - Treat cancer or HF?	30 min
17:00 - 17:10	Break	10 min
17:10 - 17:45	Best 4 Abstract Presentation	35 min
17:45 - 18:00	T. Thum & GMC. Rosano: Closing Session	15 min