



Cardiolinc members participation at ESC Congress

Andrej Teren

University of Leipzig, Germany

Participated with the poster entitled "**LDL-cholesterol levels are related to the clinical severity of non-obstructive coronary artery disease**" on the August 29 Poster session 5: Conditions with increased coronary artery disease risk.

Antonio Salgado Somoza

Luxembourg Institute of Health, Luxembourg

Presented a Rapid Fire Abstract of the Biomarkers made easy Heart failure session on August 28: "**Circulating miR-122-5p and miR-124a-3p predict outcome in out-of-hospital cardiac arrest patients**". Collaborators of this work were *Yvan Devaux*, *David Erlinge* and *Hans Friberg*. During the same session, a work co-authored by *Przemyslaw Leszek* was presented.

Cinzia Perrino

University of Naples, Italy

Participated:

- As **chairperson** of the session Epigenetic modulation of cardiovascular disease, Integrative physiology and control mechanisms symposium, where *Stefanie Dimmeler* and *Leon de Windt* were speakers on August 28.
- With the poster "**Akap1 modulates endothelial cells function and ischemia-induced angiogenesis in mouse hindlimb**" on the August 27 Moderated poster session Angiogenesis.

Constanza Emanuelli

University of Bristol, UK

Was present in two sessions on August 27 as:

- **Chairperson**, alongside *Leon de Windt*, of the Moderated Posters session on Angiogenesis, where *Cinzia Perrino* co-authored a poster;
- Presenter of "**Exosomes as new therapeutics and biomarkers in cardiovascular disease**" on the symposium Integrative physiology and control mechanisms.

David Erlinge

Lund University, Sweden

Contributed with six posters and participated as a speaker and a chairperson.

- Presenter of "**How to individualise dual antiplatelet therapy in patients presenting with NSTEMI- acute coronary syndrome**" on the August 27 session Personalized antiplatelet therapy, topic Platelets and antiplatelets therapy;
- **Speaker** on August 29 at the Satellite Symposium Atrial fibrillation, Cardiac emergencies: how can a reversal agent for a NOAC impact practice?;
- **Chairperson** of the Advances in Science session Myocardial ischaemia reperfusion injury: a proof of concept?, topic Ischaemia, experimental studies on August 29;
- Co-authored the following posters:
 - "**Experimental validation of contrast enhanced SSFP MR imaging to measure myocardium at risk**", Miscellaneous Best Posters Session 1: Best Posters in experimental studies on imaging of myocardial ischaemia, August 27;
 - "**Intravenous Betablocker therapy for ST-Segment Elevation Myocardial Infarction could be associated with higher shortterm mortality: a Swedish Nationwide Observational Study**", Miscellaneous Posters Session 1: STEMI treatment and outcomes, August 27;
 - "**Progressive increase of Tpeak-Tend interval is associated with ischemia induced ventricular fibrillation in a porcine model**", Miscellaneous Poster session 2: Electrophysiology, electrocardiography and catheter ablation, August 28;
 - "**Intravascular ultrasound guidance is associated with lower mortality in patients undergoing stenting for unprotected left main coronary artery lesions compared to angiography-guided stent implantation**", Miscellaneous Poster session 3: Intravascular imaging and physiology, August 28;
 - "**High sensitivity Troponin T as a prognostic marker after out of hospital cardiac arrest. A Targeted Temperature Management (TTM) trial substudy**", Miscellaneous

Poster session Poster session 5: Cardiac arrest, August 29. This work was a collaboration with *Hans Friberg* and *Yvan Devaux*;

- **"Angiotensin converting enzyme inhibitors and angiotensin II receptor blockers are associated with improved outcome but do not prevent new-onset atrial fibrillation after acute myocardial infarction"**, Miscellaneous Poster session 7: Long-term outcome after myocardial infarction, August 30.

Denise Hilfiker-Kleiner

Hannover Medical School, Germany

Participated as:

- **Chairperson**, with *Leon de Windt*, of the Rapid Fire Abstract session Biological insights in myocardial remodelling, Ischaemia and protection on August 28;
- Presenter on August 28 of the work **"Renaissance of signalling modules: The role of STAT3 in the cardiac pathophysiology"** at the Miscellaneous Named Lecture ESC William Harvey Lecture on Basic Science;
- Speaker on August 30 at the Symposium, Scientists of Tomorrow Taking heart failure genetics to the clinic, topic Genetics and gene therapy: **"The genetic architecture of peripartum cardiomyopathy"**.

Esther Creemers

Academic Medical Center Amsterdam, Netherlands

Co-authored the work **"MicroRNAs as biomarkers for atherosclerotic plaque instability"** with *Yigal Pinto*, presented on August 29 at the Miscellaneous Basic and Translational Science Hot Line I session.

Fabio Marteli

IRCCS-Policlinico San Donato, Italy

Presented two posters on August 28 and August 30:

- **"Role of noncoding RNAs in the angiogenic response following ischemia"** on Poster session 3: Ischaemia and protection;
- **"BACE1-AS long noncoding RNA and beta-amyloid involvement in ischemic heart failure patients"** on Poster session 7: Genetics and gene therapy.

Gerd Hasenfuss

University Medical Center Göttingen, Germany

On August 27, participated in two sessions:

- Speaker at the Diastolic dysfunction symposium of the New devices for heart failure: from contractility to remodelling session: "**Cardiac contractility modulation**";
- **Chairperson** during the New drugs in acute heart failure, Pharmacologic therapy symposium, where *Marco Metra* was a speaker.

Gianluigi Condorelli

Humanitas Research Hospital, Italy

Presenter of "**Non-coding RNAs in cardiovascular pathology**" during the August 30 Symposium, Scientists of Tomorrow session on MiRNAs in cardiovascular disease and regeneration, Genetics and gene therapy. *Mauro Giacca* also presented during this session.

Hans Friberg

Lund University, Sweden

Co-authored two works presented during the Congress:

- Poster "**High sensitivity Troponin T as a prognostic marker after out of hospital cardiac arrest. A Targeted Temperature Management (TTM) trial substudy**", Miscellaneous Poster session Poster session 5: Cardiac arrest, August 29. This work was a collaboration with *David Erlinge* and *Yvan Devaux*.
- "**Circulating miR-122-5p and miR-124a-3p predict outcome in out-of-hospital cardiac arrest patients**" presented by *Antonio Salgado Somoza* during the Rapid Fire Abstract of the Biomarkers made easy Heart failure session on August 28, where *Yvan Devaux* and *David Erlinge* are co-authors.

Iain B. Squire

University of Leicester, UK

On August 28 was a **chairperson** of the Moderated Posters session Biomarkers on The relevance of biomarkers: a never ending story.

Jean-Luc Balligand

Université Catholique de Louvain, Belgium

Was present in four sessions during the event:

- **Chairperson** of the Cardiac fibrosis quo vadis? Hypertrophy, cell cycle and apoptosis session on August 29;

- Presented "**Beta-3 agonists**" during the session New hope for chronic heart failure therapy, Pharmacologic therapy on August 30;
- **Chairperson** of the Stem cell biology, Stem cells and cell therapy session on August 30;
- Presented the **Basic Science Highlights on Cardiac function** in the last day of the Congress.

Leon de Windt

Maastricht University, Netherlands

Participated in four sessions:

- **Chairperson**, alongside *Constanza Emanuelli*, of the Moderated Posters on Angiogenesis on August 27;
- **Chariperson** on the August 28 Rapid Fire Abstract session Biological insights in myocardial remodelling, Ischaemia and protection. *Denise Hilfiker-Kleiner* was also chairperson.
- Speaker on August 28 of "**MicroRNAs, stem cells and heart regeneration**" during the session Epigenetic modulation of cardiovascular disease, Integrative physiology and control mechanisms symposium, where *Stefanie Dimmeler* also presented and *Cinzia Perrino* was chairperson;
- On August 30 presented "**Mechanosensing and cardiac remodeling**" during the symposium Stress and strain: the key roles of mechano-signaling in the heart, topic Hypertrophy, cell cycle and apoptosis, where *Stephane Heymans* was a chairperson.

Marco Metra

University of Brescia, Italy

Was present in five different sessions:

- Speaker during the New drugs in acute heart failure, Pharmacologic therapy symposium on August 27: "**Seralaxin**". *Gerd Hasenfuss* was a chairperson of the symposium;
- Chairperson and speaker during the Miscellaneous Special Session, Joint Session The European Heart Journal's Year in Cardiology: heart failure and valvular heart disease on August 29: "**The European Heart Journal's Year in Cardiology: heart failure and valvular heart disease - Introduction**";
- Speaker in the August 30 Satellite Symposium From past learnings to future success: can we improve acute heart failure outcomes?, topic Heart failure, other. The talk was entitled "**Future prospects and strategies for AHF - What every cardiologist needs to know**";

- Presented "**Management of heart failure with worsening renal function**" during the Pathophysiology and diagnosis Symposium, Association Track, session What a cardiologist should know about heart failure with comorbidities on August 30;
- Presented "**Interpretation of meta-analysis - How to separate the good, the bad and the ugly**"?" during the August 30 Miscellaneous Symposium Cardiologists of Tomorrow session How to interpret statistics in clinical trials - A guide for the clinical cardiologist.

Mauro Giacca

International Centre for Genetic Engineering and Biotechnology, Italy

Presenter of "**MiRNAs for cardiac regeneration**" during the August 30 Symposium, Scientists of Tomorrow session on MiRNAs in cardiovascular disease and regeneration, Genetics and gene therapy. *Gianluigi Condorelli* was also a presenter.

Mehmet Birhan Yilmaz

Cumhuriyet University, Turkey

Participated on August 30 of the **ESC Cardiology Quiz** Special Session, Mobile App Interactive Session, Live from ESC Congress on the United Nations Team.

Nilesh Samani

University of Leicester, UK

Presented during the Cardiac biology and senescence Symposium, Joint Session, topic Cardiac biology and senescence on August 28: "**Telomere biology and cardiovascular disease**".

Norbert Frey

University Medical Center Schleswig-Holstein, Germany

Was a **chairperson** on August 29 of the Symposium, Scientists of Tomorrow Novel insights into pathological cell signalling in cardiomyopathy, topic Integrative physiology and control mechanisms".

Przemyslaw Leszek

Institute of Cardiology, Poland

Contributed with three works:

- Presented during the Rapid Fire Abstract Neuro-hormonal activation: target in HF session, Basic mechanisms topic on August 28: "**Heart rate reduction brings immediate beneficial hemodynamic effects in heart failure**";

- Co-authored the work "**Natriuretic peptide receptor density and function change in heart failure - Clinical implications for treatment**" presented during the Rapid Fire Abstract of the Biomarkers made easy Heart failure session on August 28, where *Antonio Salgado Somoza* was a presenter;
- On August 29, presented the poster entitled "**TfR1/logFR as a useful marker and predictor of myocardial iron load in heart failure**" during the Poster session 5: Heart failure/Left ventricular function, Miscellaneous.

Stefanie Dimmeler

University of Frankfurt, Germany

Participated in four sessions on August 28:

- Co-authored the work "**Light activation of antimiR-92a mediates locally-restricted target derepression and promotes healing in diabetic mice**" presented during the Miscellaneous Young Investigators Awards Abstracts Session Basic Science;
- Speaker during the Cardiac regeneration therapy - Part 2 Symposium, topic Developmental biology: "**Fundamental knowledge on cardiovascular regeneration. Cells and beyond**";
- Presented "**Long non-coding and circular RNAs and cardiovascular function**" during the session Epigenetic modulation of cardiovascular disease, Integrative physiology and control mechanisms symposium, where *Leon de Windt* also presented and *Cinzia Perrino* was chairperson;
- Presented "**Angiogenesis: why is it yet to work in patients?**" during the Symposium, Joint Session Translational approach to heart failure, topic Heart failure, other.

Stephane Heymans

Maastricht University, Netherlands

Was present in three sessions:

- Speaker on August 29 during the Cardiomyopathies: from genotype to phenotype Symposium, Joint Session, topic Cardiomyopathies: "**Nothing is simple. Gene-environmental interactions**";
- Co-authored the work "**Colchicine aggravates coxsackievirus B3 infection in mice**" presented on August 30 during The myocarditis challenge Advances in Science session, Myocarditis;

- On August 30, was chairperson of the symposium Stress and strain: the key roles of mechano-signaling in the heart, topic Hypertrophy, cell cycle and apoptosis, where *Leon de Windt* was a speaker.

Thomas Thum

Hannover Medical School, Germany

Presented on two symposia:

- "**MicroRNAs and fibrosis, pathophysiological role and possible therapy**" on the session Cardiac fibrosis quo vadis?, topic Hypertrophy, cell cycle and apoptosis on August 29;
- "**Role of testosterone in myocardial hypertrophy**" on the Estrogen and testosterone in myocardial hypertrophy, Pathophysiology and diagnosis symposium, joint session on August 30.

Yigal Pinto

Academic Medical Center Amsterdam, Netherlands

Co-authored the work "**MicroRNAs as biomarkers for atherosclerotic plaque instability**" with *Esther Creemers*, presented on August 29 at the Miscellaneous Basic and Translational Science Hot Line I session.

Yvan Devaux

Luxembourg Institute of Health, Luxembourg

Was present in three sessions:

- Co-author of the work "**Circulating miR-122-5p and miR-124a-3p predict outcome in out-of-hospital cardiac arrest patients**" presented by *Antonio Salgado Somoza* during the Rapid Fire Abstract of the Biomarkers made easy Heart failure session on August 28, where *David Erlinge* and *Hans Friberg* are also co-authors.
- Collaborated with *David Erlinge* and *Hans Friberg* to the poster "**High sensitivity Troponin T as a prognostic marker after out of hospital cardiac arrest. A Targeted Temperature Management (TTM) trial substudy**", presented at the Miscellaneous Poster session Poster session 5: Cardiac arrest, on August 29.
- Speaker on the Biomarkers in heart failure and ventricular dysfunction: update 2016, Advances in Science session on August 30, presenting the work "**The circular RNA MICRA is a novel biomarker of left ventricular dysfunction after acute myocardial infarction**".