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HEART FAILURE 2010

Meeting organised by the Heart Failure Association of the ESC

29 May - 1 June
Berlin
Germany

Clinical Interactive Education

Technology solutions
for heart failure

Co-morbidities
and heart failure

Cardio-Oncology
Heart Failure Core Topic

Diabetes and
heart failure

Basic Science

Patient Care



ADVANCE PROGRAMME

WELCOME ADDRESS

Dear Friends and Colleagues,

Share new insights, improve your knowledge and enhance your clinical practice!

It is our great pleasure to invite you to the Heart Failure 2010 Congress, which will be held in Berlin, Germany from 29 May until 1 June 2010. Organised by the Heart Failure Association of the European Society of Cardiology (HFA of the ESC), the Heart Failure Congress is a unique forum where cardiologists, internists, practising general physicians, basic scientists, epidemiologists, cardiac nurses, industry affiliates and others have the opportunity to meet and exchange ideas and information. The HFA congress is an international event open to anyone interested in any aspect of heart failure. It covers all aspects of heart failure from epidemiology, through basic and translational science to prevention (including treatment of hypertension and post-infarction care), diagnosis (including imaging and biomarkers), monitoring (including remote monitoring), prognostication (risk stratification, including use of biomarkers), medical and nursing management (including drugs, devices, tele-care and surgery). All of the clinical aspects are reinforced in clinical case and "Meet the Expert" sessions. The programme also includes updates on the latest clinical trials, reviews of the best published papers and a summary of the most important heart failure presentations at the major international cardiology conferences as well as joint sessions held with other international societies.

There will also be presentations of new clinically relevant areas such as the influence of **diabetes in heart failure and the interaction of cancer therapies and heart failure**. Additionally, several European Associations and Heart Failure National Societies will bring their contribution to highlight different perspectives of clinical management.

We invite you to use this unique opportunity to present your original research and exchange your experiences in all related heart failure topics by submitting an abstract. The top ranking abstracts will be presented orally and a large area will be dedicated to poster presentations, the perfect platform to meet peers and colleagues to discuss specific topics.

Berlin is the ideal venue for a Congress with our profile and scope. The city's wealth of historical, cultural and social attractions will undoubtedly be the perfect addition to complete your congress experience! Hotel and restaurant prices are very reasonable, and the weather at the end of May will be perfect - we promise.

We hope to see you at Heart Failure 2010 Berlin. Please make your plans early, as this promises to be a congress to remember.

J. McMurray (Glasgow, GB), HFA President

P. Ponikowski (Wroclaw, PL), HFA President-Elect

S. Anker (Berlin, DE), HFA Treasurer
& Heart Failure 2010 Scientific Chairperson

T. Eschenhagen (Hamburg, DE),
Heart Failure 2010 Scientific Co-Chairperson

COMMITTEE

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A. Maggioni (Florence, IT)	F. Zannad (Dommartin-les-Toul, FR)

K. Swedberg (Gothenburg, SE), D. Brutsaert (Brussels, BE): ex-officio

Scientific Committee

All HFA Board Members
are part of the Scientific Committee

S. Anker (Berlin, DE), Scientific Chairperson
T. Eschenhagen (Hamburg, DE), Scientific Co-Chairperson
R. Dietz (Berlin, DE)
H.-P. Schultheiss (Berlin, DE)
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W. Haverkamp (Berlin, DE)
M. Böhm (Hamburg, DE)
A. Zeiher (Frankfurt, DE)
T. Thum (Wurzburg, DE)

Honorary members of the Scientific Committee:
R. Ferrari (Ferrara, IT), ESC President
M. Komajda (Paris, FR), ESC President-Elect

IMPORTANT DATES

16 November 2009: Opening of 'My ESC' On Line Services
(abstract submission, registration and hotel booking)

14 January 2010: Deadline for abstract submission

Mid-March 2010: Abstract selection results

29 March 2010: Early registration deadline

26 April 2010: Pre-registration deadline

SCHEDULE AT A GLANCE

	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
	07:30	08:30	09:30	10:30	11:30	12:30	13:30	14:30	15:30	16:30	17:30	18:30	19:30	20:30
Friday 28 May			Group Registration				Public Registration							
Saturday 29 May		Registration 08:30 - 20:30												
												Exhibition 17:15 - 20:30		
								Scientific Sessions 14:30 - 16:00		Scientific Sessions 16:15-17:45		18:00 - 19:15 Opening Ceremony	19:15 - 21:00 Reception in Exhibition	
							Speakers' Service Centre 13:00 - 18:30							
Sunday 30 May		Registration 07:30 - 18:30												
		Exhibition 09:00 - 18:00												
		Scientific Sessions 08:30 - 10:00	Coffee Break	Scientific Sessions 11:00 - 12:30	Satellite symposia 12:45 - 14:00	Scientific Sessions 14:15 - 15:45	Coffee Break	Scientific Sessions 16:30 - 18:00	Satellite symposia 18:15 - 19:45					
		Posters 08:30 - 18:30												
		Speakers' Service Centre 07:30 - 18:30												
Monday 31 May		Registration 07:30 - 18:30												
		Exhibition 09:00 - 18:00												
		Scientific Sessions 08:30 - 10:00	Coffee Break	Scientific Sessions 11:00 - 12:30	Satellite symposia 12:45 - 14:00	Scientific Sessions 14:15 - 15:45	Coffee Break	Scientific Sessions 16:30 - 18:00	Satellite symposia 18:15 - 19:45					
		Posters 08:30 - 18:30												
		Speakers' Service Centre 07:30 - 18:30												
Tuesday 1 June		Registration 07:30 - 13:00												
		Exhibition 09:00 - 12:30												
		Scientific Sessions 08:30 - 10:00	Coffee Break	Scientific Sessions 11:00 - 12:30										
		Posters 08:30 - 12:30												
		Speakers' Service Centre 07:30 - 13:00												

SCIENTIFIC PROGRAMME

Call for abstracts!

Abstract-based Scientific Sessions

Oral sessions

The Philip Poole Wilson Young Investigator Award for clinical Research and Young Investigator Award for Basic Science.

A competition designed for abstract submitters / presenters 35 years old or under. YIA Sessions will be moderated by two chairpersons and a panel of 5-7 experts to judge the presentations and determine a First Prize winner (€ 1,000) and two Runner-Up winners (€ 250).

YIA abstract presenters will benefit from free registration and a € 400 travel support. Diplomas and awards will be presented during a special award ceremony on Monday 30 May (in Room Berlin).

Nursing Award

A competition designed for abstract submitters/presenters who are registered nurses, dieticians (and related professions) or in training. The session format is similar to the YIA Session. Nursing Award abstract presenters will benefit from free registration and a € 400 travel support, as well as € 1,000 for the First Prize Winner and € 250 for two Runner-Up winners. Diplomas and awards will be presented during a special award ceremony on Monday 30 May (in Room Berlin).

Judges' Choice Sessions - 'Basic Science' and 'Clinical'

The top-scoring abstracts - under the options 'Basic Science' and 'Clinical' - will be selected for oral presentations moderated by experts in these fields. Each presenter will be offered free registration. No age limitation.

Oral Abstract Presentations - 'Basic Science' and 'Clinical'

Abstracts whose interesting content comes to the attention of the Committee will be presented in these sessions in front of an audience and moderated by 2 experts in these fields. We aim to select abstracts from each of the Congress themes.

Moderated Poster Sessions

The content of abstracts considered to be of special interest will be displayed in the form of a poster in a dedicated area and presented during the coffee breaks. Presenters should be ready to discuss their findings with two moderators and the audience.

Poster sessions

These sessions provide a visual display of research highlights. This format allows a maximum of viewing time for the research and peer-to-peer interaction.

**Other areas
for your
contribution
to the Scientific
Programme**

Late Breaking Trials

Application forms will be available from 11 January 2010 on the Web Site or by request from HFscientific@escardio.org (deadline for submission 15 March 2010).

Clinical Trial Forum

Application forms will be available from 11 January 2010 on the Web Site or by request from HFscientific@escardio.org (deadline for submission 15 April 2010).

Exciting research often evolves rapidly, the Clinical Trial Forum is the ideal setting to meet, discuss and exchange. A perfect opportunity to present your ongoing trials.

**Submit your original
research now!**

**Abstract submission deadline:
14 January 2010**

Saturday 29 May

HAMBURG Special Session		COLOGNE Technology Solutions for heart failure
14:30	DEBATES	The way forward for improving heart failure care * Joint session with the European Commission, Unit "ICT for Health" M.R. Costanzo (US) - L. Gatzoulis (EU)
16:00		Opening remarks - L. Gatzoulis (EU) State of the art 2010: usual care in heart failure - M. Komajda (FR) What is the potential for telemedicine in heart failure? - J. Cleland (UK) Major technical challenges in implementing telehealth - C. Westerteicher (DE) What is the main barrier to the implementation of telemedicine: patients, clinicians or managers? - C. Zugck (DE)
16:15	Best Papers 2009/2010 and What did I miss at ESC09, AHA09 and ACC10 R. Ferrari (IT) - L. Tavazzi (IT)	Telehealth for heart failure: what is the evidence from early trials * Joint session with the European Commission, Unit "ICT for Health" F. Fruhwald (AT) - M. Cowie (UK)
17:45	Nursing - S. Stewart (AU) Biomarkers - A. Voors (NL) Imaging - J. Bax (NL) Devices - C. Linde (SE) Drugs - J. McMurray (UK)	Home telemonitoring monitoring: experience from patients and health care providers: data from the HOME-HF study - J. Riley (UK) Home telemonitoring versus usual care - S. Inglis (AU) Intensified care versus home telemonitoring - J. Cleland (UK) Which approach is the most cost-effective - S. Robinson (UK)* Designing telemedicine studies: what can be learnt from drug trials? - To be announced
18:00 - 19:15 OPENING CEREMONY - Room Berlin		
19:15 - 21:00 Opening Cocktail in the Exhibition Area		

The Heart Failure Congress, the annual meeting of the Heart Failure Association of the ESC, is dedicated to all professionals interested in the broad spectrum of problems relating to heart failure. One mission: «To improve quality of life and longevity, through better prevention, diagnosis and treatment of heart failure, including the establishment of networks for its management, education and research.»

Continuing Medical Education Accreditation

The Heart Failure 2010 Congress will be reviewed for accreditation by the European Board of Accreditation in Cardiology (EBAC). The number of credits will be announced online. EBAC works in cooperation with the European Accreditation Council for Continuing Medical Education (EACCME) which is an institution of the European Union of Medical Specialists (UEMS). EBAC credits are recognised by the American Medical Association towards the Physician's Recognition Award (PRA). Detailed instructions for converting these credits to AMA PRA Category 1 Credits are available on the AMA website: www.ama-assn.org



The information published in this programme is accurate at the time it goes to press. The Scientific Committee reserves the right to amend it at any time. To view all modifications after the publication date, please visit the Scientific programme online at www.escardio.org/HFA.

Sunday 30 May

	BERLIN Interactive Learning	HAMBURG Technology Solutions for heart failure	MUNICH Co-morbidities and heart failure	COLOGNE Cardio-oncology	FRANKFURT Caring for the patient with heart failure	STUTTGART Basic science translated for the clinician	LEIPZIG German Sessions in cooperation with the German Competence Network Heart Failure
08:30	CASE BASED INTERACTIVE SESSION Difficult chronic heart failure cases P. Ponkowski (PL)	Major new developments in telehealth * Joint session with the European Commission, Unit "ICT for Health" J. Cleland (UK) - S. Robinson (UK)*	Managing Congestion V. Conraads (BE) - G. Filippatos (GR)	Cardiotoxicity S. Anker (DE) - A. Shah (UK)	The predominance of women with heart failure: a global perspective C. Angermann (DE)* - M. Fonseca (PT)	Back to the future: engineering for myocardial reconstruction S. Janssens (SE) - Z. Papp (HU)	Alles was Sie wissen sollten über... E. Erdmann (DE) - F. Follath (FR)
10:00	Case Presentations & Panel: H.P. Persson (SE) I. Pina (US) C. Ronco (IT)	MyHeart and Heartcycle - J. Wals (UK)* Partnership for Heart - F. Kohler (DE)* Achmea health - To be announced CorBene - H. Korb (DE)*	Congestion: what is it? - T. McDonagh (UK) Diuretics: a necessary evil? - H. Dargie (UK) Adenosine antagonists: is there still hope? - B. Massie (US) Ultrafiltration: why are we waiting? - M.R. Costanzo (US) AVP antagonists: is water important? - F. Zannad (FR)	Overview of the problem from the clinical perspective - T. Suter (CH) Understanding the cardiotoxicity of the new therapeutics: is toxicity predictable? - T. Force (US) What's in the future: a look at drugs in the pipeline - is there cause for concern? - M. Rauchhaus (DE) How should we follow these patients: are we ready for guidelines? - J. Lopez-Sendon (ES) Adult survivors of childhood cancer: what can we expect? - M. Ewer (US)	Europe - A. Rosengren (SE) USA - To be announced Sub-Saharan Africa - K. Siwa-Hahnle (ZA) China - D. Yu (HK)* Indigenous Australia - S. Inglis (AU)	Tissue engineering of heart valves - S. Hoerstrup (CH) Creating a cardiac path for a wounded heart - T. Eschenhagen (DE) Large scale production of cardiac myocytes from human to embryonic stem cells - C. Denning (UK) Injectable biomaterials for infarct repair: from bench to bedside - J. Leor (IL) Surgical alternatives to remodel the ventricle - R. Hetzer (DE)*	Behandlungsoptionen bei akuter Herzinsuffizienz - M. Boehm (DE) Die Blockade des RAS bei chronischer Herzinsuffizienz - T. Unger (DE) Diagnostik und Behandlung der diastolischen Herzinsuffizienz - B. Pieske (AT) Diagnostik und Behandlung der Myokarditis - H.P. Schultheiss (DE)* Biomarker in der Diagnostik der Herzinsuffizienz - C. Müller (CH)
10:00 - 11:00 COFFEE BREAK / EXHIBITION / MODERATED POSTER							
11:00	CASE BASED INTERACTIVE SESSION Acute heart failure	Telehealth: the next generation * Joint session with the European Commission, Unit "ICT for Health" E. Conley (UK)* - B. Celler (AU)*	Major co-morbidities in heart failure: diagnosis and treatment K. Dickstein (NO) - J. Nanas (GR)	Predicting and monitoring of cardiotoxicity? V. Adams (DE) - M. Pfeiffer (US)	Quality of life in heart Failure: how do the available measurement tools perform in practice? I. Ekman (SE) - A. Maggioni (IT)	The Philip Poole-Wilson Young Investigator Award for clinical research	Aus dem Labor ans Krankenbett - Klinische Anwendung grundlagenwissenschaftlicher Erkenntnisse A. Auricchio (CH) - H. Just (DE)
12:30	Case Presentations & Panel: M. Nieminen (FI) H.P. Schultheiss (DE)* A. Mebazaa (FR) M.R. Costanzo (US) B. Meyns (BE)	New sensors - J. Luprano (CH) Patient psychology and empowerment - B. Celler (AU)* Developing clinical services - D. Barrett (UK) New information processing - N. Maglaveras (GR)	Depression - J. Parissis (GR) Anaemia - K. Swedberg (SE) Ischaemia - I. Anand (US) Hypertension - F. Zannad (FR) COPD - To be announced	Biology of relevant receptors in the heart and cancer - G. De Keulenaer (BE) Predicting the pro-arrhythmic potential of drugs - W.S. Redfern (UK)* Testing pro-arrhythmic drugs on engineered heart tissues - A. Hansen (DE)* Pre-clinical prediction of cardiotoxicity - T. Force (US) Cardiac Side effects of pro-arrhythmic cancer therapy - T. Suter (CH)	Minnesota living with heart failure questionnaire - To be announced Functional Status questionnaire - D. Castagno (IT) Short-form 36 - R. Hobbs (UK) Kansas city cardiomyopathy questionnaire - R. Lipicky (US)* How should we assess sexual function/satisfaction - T. Jaarsma (NL)	Call for abstracts November 16 - January 14 www.escardio.org/HFA	Therapien die 2009/2010 in die Realität angekommen sind - E. Erdmann (DE) Neue Molekulare Mechanismen bei Infarkt und Herzinsuffizienz - K. Wollert (DE) Warum sind Chemotherapeutika kardiotoxisch? - M. Rauchhaus (DE) Genetische Ansätze in der Diagnostik der Herzinsuffizienz - H. Schunkert (DE) Neuigkeiten zu Stammzellen und miRNAs - A. Zeiher (DE)*
LUNCH							
SATELLITE SYMPOSIA							
14:15	LATE BREAKING TRIALS	Troubleshooting in heart failure management H. Krum (AU) - M. Petrie (UK)	Atrial fibrillation and heart failure * Joint session with the European Heart Rhythm Association (EHRA) M. Boehm (DE)* - P. Vardas (GR)	Cardiology meets oncology: problems beyond cardiotoxicity M. Ewer (US) - M. Rauchhaus (DE)	How to deal with pain in the heart failure patient * Joint session with the AHA P. Strachan (CAN) - A. Stromberg (SE)	Advances in hypertrophic signalling D. Hilfiker-Kleiner (DE) - S. Janssens (BE)	Das kardo-renal Syndrom und Ko-Morbiditäten bei Herzinsuffizienz E. Erdmann (DE) - H.P. Schultheiss (DE)*
15:45		How to use biomarkers in diagnosis. - A. Maisel (US) How to assess and manage deteriorating renal function. - A. Voors (NL) Titration evidence-based treatment - troubleshooting problems: A. Cohen-Solal (FR) How to optimise CRT? - A. Auricchio (CH) When to refer for a LVAD and transplantation. - L. Stevenson (US)*	Atrial fibrillation in patients with heart failure: Pathophysiology - To be announced Atrial fibrillation in patients with heart failure: Impact on the Individual and the Society - P. Vardas (GR) Treating atrial fibrillation in heart failure with drugs - L. Kober (DK) Atrial fibrillation: the impact of statins and ARBs - L. Tavazzi (IT) Ablation for atrial fibrillation in patients with heart failure - M. Gasparini (IT)	Fatigue in cancer - clinical correlate of heart failure? - To be announced Why do patients with cancer die? Any evidence for cardiovascular problems? - G. Rosano (IT) Pathophysiology of cachexia in cancer and heart failure: all the same? - S. Von Haehling (DE) From mice to men: treating cancer with cardiovascular drugs? - J. Springer (DE) Managing cardiovascular problems in cancer patients: from hypertension to diabetes - T. Suter (CH)	Prevalence and pathways of pain in heart failure patients - A. Clark (UK) Presentation and assessment of pain in heart failure - E. Ekman (SE) Pharmacological intervention for pain relieve in HF - C. Angermann (DE)* Non pharmacological interventions - S. Wingate (US)	From hypertrophy to remodelling: State of science in May 2010 - R. Ferrari (IT) Transcriptional pathways regulating hypertrophy - E. Creemers (NL) Nox4 NADPH oxidase and cardiac hypertrophy - A. Shah (UK) Novel mechanisms of ERK activation in hypertrophy - K. Lorenz (DE) Role of PKD signalling - F. Cuello (UK)	Herz-Niere-Interaktionen bei chronisch Kranken: To be announced Therapie von Anämie und Eisenmangel bei Herzinsuffizienz - S. Anker (DE) Herzinsuffizienz als Folge von Systemerkrankungen - F. Mehrhof (DE) Diabetes mellitus und Herzinsuffizienz - C. Tschöpe (DE) Schlaganfall und Herzinsuffizienz - W. Doehner (DE)
15:45 - 16:30 COFFEE BREAK / EXHIBITION / MODERATED POSTER							
Diabetes							
16:30	CASE BASED INTERACTIVE SESSION Atrial fibrillation M. Boehm (DE)* - D. Van Veldhuisen (NL)	Imaging heart failure * Joint session with EAE* L. Badano (IT) - To be announced	Nutrition for heart failure ?! M. Gheorghiu (US) - M. Piepoli (IT)	Targeting anaemia and/or iron deficiency in heart failure - ready for prime time?! J. Comin Collet (ES) - L. Tavazzi (IT)	NURSING AWARD	State of the art: genomics in heart failure research D. Brutsaert (DE) - P. Doevendans (NL)	Technologie-basierte Ansätze bei Diagnostik und Therapie der Herzinsuffizienz R. Dietz (DE) - C. Zugck (DE)
18:00	Case Presentations & Panel: M. Gheorghiu (US) W. Haverkamp (DE)	Echocardiographic assessment of diastolic heart failure - B. Popescu (RO) Echo talk 2 - To be announced Multimodality imaging - J. Bax (NL) MRI - J. Schulz Menger (DE) MRS - To be announced	The biochemistry of the heart's work - where does the energy come from and how is this altered in heart failure - S. Neubauer (UK)* Pathophysiology of essential amino acids and their application in HF - S. von Haehling (DE) All a cardiologist needs to know about fat tissue - G. Jondeau (FR) Nutritional supplements for acute and chronic heart failure - M. Metra (IT) Treating skeletal muscle: electrical impulses, anabolism, ghrelin & exercise - E. Jankowska (PL)	Setting the stage: epidemiology and pathophysiology of anemia and iron deficiency - G. Filippatos (GR) Iron metabolism, symptoms and outcome in heart failure: much more than just anaemia - P. Ponkowski (PL) Epo and darbepoetin alpha for chronic heart failure: status 2010 - K. McDonald (IE) Epo and darbepoetin alpha for chronic renal failure and cancer: a critical review of efficacy and safety - M. Pfeiffer (US) Using intravenous iron to treat iron deficiency in heart failure. More than taking care of anaemia. - S. Anker (DE)	Call for abstracts November 16 - January 14 www.escardio.org/HFA	Genome-wide scans for disease genes in heart disease - H. Schunkert (DE) GWAS analysis of QT interval - A. Pfeuffer (DE)* Screening for determinant of LV mass - S. Cook (UK) Model organisms for genetic studies of cardiovascular traits - J. Bakkers (NL) Genetics and individualizing therapy: learning from cancer and gambling - H. Lehrach (DE)	Herzkatheter & Biopsien - update 2010 - C. Tschöpe (DE) Telemedizin in der Betreuung herzinsuffizienter Patienten 2010 - F. Kohler (DE)* ICDs und CRTs bei Herzinsuffizienz - B. Maisch (DE) Cardiac Imaging - J. Schulz Menger (DE) Die Zukunft der Device-basierten Therapie (steuerung) bei Herzinsuffizienz - J. Bauersachs (DE)*
18:15	SATELLITE SYMPOSIA						
19:45	SATELLITE SYMPOSIA						

POSTER SESSION + EXHIBITION

	BERLIN Interactive Learning	HAMBURG Technology Solutions for heart failure	MUNICH Co-morbidities and heart failure	COLOGNE Diabetes	FRANKFURT Caring for the patient with heart failure	STUTTGART Basic science translated for the clinician	LEIPZIG
08:30	CASE BASED INTERACTIVE SESSION Devices J. Cleland (UK) - C. Linde (SE) Case Presentations & Panel: K. Dickstein (NO) M. Gasparini (IT) W. Abraham (US)	Biomarkers in heart failure: what is their value compared to clinical assessments and routine laboratory values? L. Kober (DK) - F. Peacock (US) Panelist: S. von Haehling (DE) Natriuretic peptides for acute and chronic heart failure - A. Maisel (US) Other peptides instead of or in addition to NP for acute & chronic heart failure - C. Müller (CH) Prognostic scores - T. McDonagh (UK) The alternative: assessing heart failure patients from cardiac biopsies - H.P. Schultheiss (DE)* Panel discussion	New solutions for acute and chronic heart failure: update from industry J. McMurray (UK) - S. Anker (DE) Panel: G. Filippatos (GR) - D.L. Mann (US)* G. Rosano (IT) - A. Shah (UK) Panel discussion	Heart failure and diabetes M. Cowie (UK) - U. Dahlstrom (SE) Acute heart failure in diabetes mellitus - J. Parissis (GR) Silent ischaemia in diabetic patients with heart failure - E. Van Belle (FR) Diabetic cardiomyopathy: the disease searching for its identity - W. Paulus (NL) Diabetes and inflammation: bad getting worse? - D.L. Mann (US)* Malignant arrhythmias in diabetic heart failure - To be announced	Heart failure management 2010 and beyond. What are the key issues for nursing? M. Van der Wal (NL) - S. Wingate (US) Palliative care - P. Stachan (CAN) Self-care and care from carers - A. Stromberg (SE) Comorbidities in heart failure - what nurses need to know - S. Inglis (AU) Heart failure management programmes - J.N. Trochu (FR) The heart failure nurse specialist/practitioner - M. Ryder (IE)	The sarcoplasmic calcium pump as a therapeutic target in heart failure D. Brutsaert (BE) - S. Harding (UK) Lessons from human cardiac myocytes - S. Harding (UK) Transgenic manipulation of SERCA levels - O. Sejersted (NO) SERCA and arrhythmias - A. Zaza (IT) Expression of skeletal muscle SERCA - G. Hasenfuss (DE) Boosting SERCA function by gene therapy - R. Hajjar (US)	YOUNG INVESTIGATOR AWARD BASIC SCIENCE Call for abstracts November 16 - January 14 www.escardio.org/HFA
10:00 - 11:00 COFFEE BREAK / EXHIBITION / MODERATED POSTER							
11:00	CASE BASED INTERACTIVE SESSION Hypertension F. Zannad (FR) Case Presentations & Panel: I. Anand (US) F. Follath (CH) V. Mareev (RUS) J. McMurray (UK) B. Pitt (US)	New biomarkers in HF: ready for prime time? D. Logeart (FR) - A. Maisel (US) Mid regional peptides - E. Jankowska (PL) Markers of renal dysfunction - H. Hillegger (NL) Inflammatory - stress markers (GDF-15, ST-2) - K. Wollert (DE) Markers of cell death - F.W. Peacock (US) Markers of infection - B. Müller (CH)	The adenosine antagonists story of targeting the kidney in HF: status May 2010 G. Jondeau (FR) - P. Ponikowski (PL) Panel: M. Komajda (FR) - B. Massie (US) S. Solomon (US) Studies before PROTECT - S. Gottlieb (US) The PROTECT study: update on results - M. Metra (IT) Seizure: just an inconvenience? - R. Lipicky (US)* Comparing different adenosine antagonists - S. Anker (DE) Panel discussion	Heart failure & diabetes: a challenge for the 21st century To be announced - E. Van Belle (FR) Epidemiology: heart failure in diabetic populations and diabetes in heart failure populations - P. Seferovic (RS) What is the cause of diabetes in heart failure? - To be announced Managing body weight in diabetic patients with and without heart failure - W. Doehner (DE) Is treatment of heart failure different in diabetic patients? - M. Petrie (UK) Heart failure and thiazolidinediones: lessons from clinical trials and registries - E. Erdmann (DE)	What do we need to know about the indication for surgery in heart failure patient? A. Pitsis (GR) - L. Stevenson (US)* Indications for CABG - Coronary Artery Bypass Grafting - J. Pepper (UK)* Assessing the indications for mitral valve surgery - To be announced Reshaping the ventricle - what is new? - To be announced Minimally invasive surgery - what is new? - F. Mohr (DE)* Cardiac transplantation in 2010 - F. Oliva (IT)	New drugs for heart failure: update 2010 K. Dickstein (NO) - G. Filippatos (GR) Calcium modulators - R. Hajjar (US) Vasopressin antagonists - A. Mebazza (FR) Cardiac myosin activators - Z. Papp (HU) Guanylate-cyclase activators - M. Gheorghade (US) ARNI - angiotensin receptor blocker neprilysin inhibitor - J. McMurray (UK)	ORAL ABSTRACT BASIC SCIENCE Call for abstracts November 16 - January 14 www.escardio.org/HFA
12:30	LUNCH						
14:15 - 15:45 SATELLITE SYMPOSIA							
14:15	AWARD CEREMONY Followed by A DEBATE SESSION	Fancy new devices for heart failure M. Gasparini (IT) - To be announced What do we need to monitor? Defining the right signals which would prompt action. A review of the existing monitoring devices - W. Abraham (US) New invasive devices to measure congestion & pressures - D. van Veldhuisen (NL) How to manage all this information: from telemedical centres to artificial intelligence - F. Koehler (DE)* Much simpler: devices to improve medication adherence - M. Van der Wal (NL) LVADs - A. Pitsis (GR)	HFPEF - all you need to know on heart failure with preserved ejection fraction B. Pieske (AT) - To be announced Setting the stage: an update on diagnosis, epidemiology, and pathophysiology - J.R. Gonzalez Juanatey (ES) Is diastolic heart failure always the same? Comparing continents - K. Harada (JP) All just diabetes - how to diagnose and manage diabetic patients with diastolic heart failure - W.J. Paulus (NL) All just hypertension - how to diagnose and manage hypertensive patients with diastolic heart failure - M. Lainscak (SLO) All just ageing - how to prevent and treat diabetic patients with diastolic heart failure - H. Persson (SE)	ORAL ABSTRACT CLINICAL Call for abstracts November 16 - January 14 www.escardio.org/HFA	Pregnancy associated heart disease I. Pina (US) - D. Yu (HK)* Peripartum cardiomyopathy: definition, presentation and prognosis - K. Silva (ZA) New insights into pathophysiology of peripartum cardiomyopathy and options for therapy - D. Hifiker-Kleiner (DE) Preeclampsia and pregnancy associated hypertension - V. Regitz-Zagrosek (DE) Pregnancy associated heart disease: using biomarkers? - S. Störk (DE) Pregnancy associated heart disease: European perspective - G. Rosano (IT)	Embryonic stem cells or iPS: what is the future? C. Denning (UK) - T. Eschenhagen (DE) Human embryonic stem cells for cell transplantation - To be announced ES cell derived vascular cells - Q. Xu (UK) Disease modelling with iPS - U. Martin (DE) Disease modelling with adult cardiac stem cells - P. Doevendans (NL) Update 2010 on using stem cells in human cardiovascular medicine - A. Zeller (DE)*	Targeting fibrosis in the heart: the forgotten problem S. Cook (UK) - F. Zannad (FR) Regulation of fibrosis by specific micro RNAs - T. Thum (DE) Myocardial matrix remodelling and miRNAs - E. Creemers (NL) ROS, inflammation and fibrosis - C. Murdoch (UK) Matricellular proteins and fibrosis - S. Heymans (NL) Lessons from human studies - J. Diez (ES)
15:45	15:45 - 16:30 COFFEE BREAK / EXHIBITION / MODERATED POSTER						
16:30	LATE BREAKING TRIALS	Devices in heart failure: update 2010 P. Vardas (GR) - To be announced Renal replacement therapies - C. Ronco (IT) Enhanced external counterpulsation - A. Mebazza (FR) Extra systolic monitoring devices - W. Abraham (US) Non-invasive ventilation - Mr Constanzo (US) Ventricular assist devices - B. Meyns (BE)	Acute heart failure - what you need to know to take care of your patient K. McDonald (IE) - J.N. Trochu (FR) Setting the stage: trends in epidemiology and pathophysiology update - U. Dahlstrom (SE) Using diuretics - all the same? all different? - J. Lopez-Sendon (ES) Which inotrope and when - dobutamine or levosimendan or PDEIs? - B. Massie (US) Which vasodilator and when - GTN, SNP or nesiritide? - I. Anand (US) When to use a balloon pump? or assist devices? - To be announced	ORAL ABSTRACT CLINICAL Call for abstracts November 16 - January 14 www.escardio.org/HFA	Heart failure from a primary care perspective * Joint session with WONCA (World Organization of Family Doctors) I. Ekman (SE) - R. Hobbs (UK) Out patient Heart failure management programmes - what works and what doesn't? Examples from disadvantaged and privileged populations - S. Stewart (AU) Devices: what the primary care physician should know - K. Dickstein (NO) Is there a role for complementary medicine? - To be announced Diagnosing heart failure - update on the best pathway - R. Hobbs (UK) GPs and nurses: complementary or competitive? - M. Ryder (IE)	Targeting integrins and arterial stiffness in heart failure M. Frenneaux (UK)* - To be announced Integrins and cardiovascular stiffening - P. Lacolley (FR)* Ventricular-vascular coupling in heart failure - V. Melenovsky (CZ) Role of endothelial mechanisms in arterial stiffness - P. Chowniczky (UK)* Destiffening agents: any future for heart failure therapy - To be announced	ORAL ABSTRACT BASIC SCIENCE Call for abstracts November 16 - January 14 www.escardio.org/HFA
18:00	18:00 - 18:15 COFFEE BREAK / EXHIBITION / MODERATED POSTER						
18:15	18:15 - 19:45 SATELLITE SYMPOSIA						

	HAMBURG	MUNICH	COLOGNE	STUTTGART Basic science translated for the clinician
08:30	Device therapy for heart failure with normal ejection fraction: why should we try? A. Auricchio (CH) - K. Harada (JP) Treatment in the absence of evidence - W. Haverkamp (DE)* Exercise pacing - V. Melenovsky (CZ) Resynchronisation therapy - To be announced AICD - S. Solomon (US)	The cardio-renal syndrome in heart failure today M. Lainscak (SLO) - D. van Veldhuisen (NL) Cardio-renal syndrome: definition, classification, epidemiology, pathophysiology - C. Ronco (IT) Difficulties in assessing kidney function in acute and chronic heart failure - P. Seferovic (RS) Treating the cardio-renal syndrome in heart failure - is there a realistic approach in sight? - A. Voors (NL) Diuretic resistance: scope of the problem and solutions - S. Gottlieb (US) Management of cardio-renal syndrome - focus on anaemia - P. Ponikowski (PL)	Blocking the RAAS in heart failure - past, present and future J. Lopez-Sendon (ES) - E. Shlyakhto (RUS) Blocking the RAAS - what we've achieved so far - M. Pfeffer (US) The future: renin inhibitors? - H. Krum (AU) The future: aldosterone synthase inhibitors? - F. Zannad (FR) The future: dual neurohumoral modulation with an ARNI? - J. McMurray (UK)	cGMP signaling in the failing heart: beyond NO? G. de Keulenaar (BE) - K. Wollert (DE)* New insights in regulation of cGMP - cAMP balance in cardiomyocytes - R. Fischmeister (FR) cGMP and PDES signaling in cardiac hypertrophy - S. Janssens (BE) The role of cGMP and PKG in cardioprotection - A. Papapetropoulos (GR) cGMP elevating drugs in the failing heart: rescue when NO fails? To be announced
10:00	10:00 - 11:00 COFFEE BREAK / EXHIBITION / MODERATED POSTER			
11:00	Highlights of the Congress & Closing S. Anker (DE) - K. Swedberg (SE) Basic science - T. Thum (DE) Diagnosis, Imaging, Pathophysiology - A. Clark (UK) Patient care - T. Jaarsma (NL) HFPEF - C. Tschoepe (DE) Drug treatment - A. Maggioni (IT) Devices - K. Dickstein (NO)	Ageing and heart failure: difficult issues * Joint session with the Russian National Society of Heart Failure V. Mareev (RUS) - P. Ponikowski (PL) The Age-BNP Survival Model: Prediction of survival in elderly (75 years and older) patients with heart failure - E. Shlyakhto (RUS) Diastole in the elderly - K. Harada (JP) Pharmacology for the elderly - T. Unger (DE) Addictions in the elderly: nicotine and alcohol - To be announced Care at the end of life - V. Conrads (BE)	Exercise in chronic heart failure: translation in progress * Joint session with the heart failure working group of the Brazilian Society of Cardiology A. Cohen Solal (FR) - J.P. Ribeiro (BRA) Mechanisms behind exercise training: heart & vasculature - M. Piepoli (IT) Mechanisms behind exercise training: lungs & respiratory muscle - J.P. Ribeiro (BRA) Mechanisms behind exercise training: the skeletal muscle - V. Adams (DE) Mechanisms behind exercise training: the immune system - E.A. Bocchi (BRA) How to implement exercise training - S. Adamopoulos (GR)	Highlight Session Basic Science M. Frenneaux (UK)*, T. Eschenhagen (DE) Gene therapy - R. Hajjar (US) Molecular biology Animal models Cells and mRNA et al
12:30	12:30 - 13:00 COFFEE BREAK / EXHIBITION / MODERATED POSTER			

*To be confirmed

POSTER SESSION + EXHIBITION

Heart Failure 2010, the perfect opportunity to learn, share knowledge and connect with your colleagues and peers!

Learn and share knowledge throughout the pre-arranged scientific sessions devoted to heart failure.

◆ Heart Failure Core Topic

Essential learning topics relating to heart failure.

◆ Clinical Interactive Education

The case-based interactive sessions have been specifically designed to answer the demand for more educational and interactive sessions.

5 sessions based on practical clinical cases will each be addressing a core topic related to heart failure.

◆ Technology solutions for Heart Failure: a 2010 update on devices & technology

New technologies have been developed to diagnose, prevent and treat heart failure, with promising results. Experts will bring you up-to-date with these!

◆ Co-morbidities & heart failure

To discuss the impact of co-morbidities on outcome and clinical management in heart failure. Target audience: General Practitioners, rehabilitation experts, internists & geriatricians.

◆ Oncology and Heart Failure: from onco-cardiology to cardio-oncology

Educate heart failure specialists on relevant oncology areas. Educate Oncologists on Cardiology and heart failure.

◆ Diabetes and Heart Failure

When diabetes develops in heart failure this has a major impact on the disease progression and outcome. Heart failure can also be a complication of diabetes. Patients with diabetes are at high risk for heart failure and may develop cardiovascular disease.

◆ Caring for the patient with heart failure: GPs and Nurses based heart failure care - Symptoms / Assessment / Therapy

Discuss the real problems of patient care with peers specialised in heart failure patient care management.

◆ Basic Science translated for clinicians

Bridge the gap between Clinical and Basic Science. Sessions focusing on emerging clinically relevant research that potentially has an impact on daily practice. State-of-the-art presentations by the top scientists in the field containing the latest data and its significance in the context of cardiovascular disease.

◆ Joint sessions

With colleagues from related disciplines and international Heart Failure Societies highlighting different perspectives of clinical management.

◆ Industry sponsored sessions

Industry will present their findings and results in the form of sponsored sessions; these scientific sessions offer delegates the opportunity to access some of the most recent scientific developments in an interesting and interactive format.

Connect with your community

◆ Connect with your peers

The Heart Failure Congress is a unique opportunity to meet and exchange with colleagues and friends from over 50 countries. Heart Failure 2010 will also help you connect with related communities, such as General Practitioners, rehabilitation experts, internists & geriatricians.

- Visit the large poster area
- Use the extended coffee breaks to network
- Come to the Clinical Trial Forum: The ideal platform for organisers and sponsors of ongoing clinical trials to inform about their trials, find new sites and help in the recruitment and follow-up of patients

◆ Connect with the Industry

- Exhibition area of more than 2000 m²
- Opening Cocktail in the Exhibition
- Lunch/Coffee Breaks served in the Exhibition

◆ Connect with the Heart Failure Association of the ESC

- General Assembly of the Heart Failure Association: a great opportunity for HFA members to meet their leadership and share the strategy and activities of the Association
- European Journal of Heart Failure: 1 year subscription included in the following fees: standard, members of the HFA of the ESC, nurse and student
- Visit the ESC/HFA stand to know more about the Association and meet other members



REGISTRATION

Register online via "My ESC" (www.escardio.org/HFA)

Agencies or companies with less than 5 registrations please contact HFRegistration@escardio.org

The standard registration fee entitles delegates to the following:

- Entry to all scientific sessions and the Exhibition
- Entry to the Opening Ceremony on Saturday 29 May
- The Abstract CD-Rom and the Final Programme
- Refreshment breaks and lunches (from Saturday afternoon to Tuesday morning)
- **1 year** subscription to the European Journal of Heart Failure - included in the following fees: standard, members of the HFA of the ESC, nurse and student

(including 19% VAT)	Until 29 March 2010	Until 26 April 2010	On-site
Standard	€ 600	€ 715	€ 840
Member of the HFA of the ESC	€ 475	€ 475	€ 840
Nurse member of the HFA of the ESC	€ 120	€ 120	€ 300
Student member of the HFA of the ESC	€ 120	€ 120	€ 300
Day Ticket	€ 330	€ 330	€ 330
pHealth Congress participant - 2 days access (29 & 30 May)*	€ 300	€ 300	€ 360
Nurse**	€ 180	€ 240	€ 300
Student**	€ 180	€ 240	€ 300
Accompanying Person***	€ 120	€ 120	€ 120

* Applications must be accompanied by a registration confirmation of the pHealth Congress for the Early and Late fees. On-site, registrants will be asked for their pHealth Congress Badge and ID Card.

** Applications must be accompanied by a letter from the applicant's Head of Department confirming the nurse or student status.

*** Only entitles the person to: lunches and coffee breaks from Saturday afternoon to Tuesday morning, entry to the Opening Ceremony and the Exhibition.

If you have not registered by 26 April 2010, you will need to register on-site in Berlin. The Registration desk will open on Friday 28 May at 14:00.

Book your hotel online via "My ESC" (www.escardio.org/HFA)

All hotels selected by the ESC are within easy reach of the Congress Centre and are centrally located, close to all amenities.

Individual Hotel Booking

Rooms are available from 29 May to 1 June 2010. All other dates are upon request and subject to hotels' room availability.

A limited number of rooms for individual bookings are available. For the latest list of available hotels, please visit:

www.escardio.org/HFA.

Rooms will be allocated on a first come - first served basis. Telephone requests cannot be accepted. Please note that after certain price categories have been booked out, the ESC reserves the right to confirm bookings in other price categories. Upon receipt of the deposit payment, a voucher will be issued and sent by email. This voucher must be presented to the hotel and upon departure the deposit payment will be deducted from the total bill.

Group Hotel Booking

Group bookings (from 10 rooms) are handled separately and proposals are made on request. Hotels available for groups may not be the same as for individual bookings. Please contact us by email or fax.

For further information,

Email: HFhotels@escardio.org

Tel: 00 33 (0)4 92 94 86 67

Fax: 00 33 (0)4 92 94 76 16

Payment

Terms of payment, cancellation and modification policy are available on the HFA of the ESC Web Site.

Hotels	Single Room	Double Room
Palace Hotel (5*)	€ 165	€ 185
Ellington Hotel (4*)	€ 168	€ 178
Hecker's Hotel (4*)	€ 166	-
Kronprinz (4*)	€ 165	€ 185
DOMICIL (4*)	€ 150	€ 170
Best Western Kanthotel (4*)	€ 139	€ 139
Berlin Hotel (4*)	€ 129	€ 159
Ku'Damm 101 (3*)	€ 149	€ 180
Artotel Kudamm (3*)	€ 119	€ 132
Berlin Plaza (3*)	€ 109	€ 136



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Getting to Berlin

Airport Tegel (TXL)

Tegel is situated in the northwest of Berlin, approximately 8 km from the city-centre. You can reach the western city centre from the airport conveniently within 15 minutes and the ICC Berlin in approximately 20 minutes.

Airport Schönefeld (SXF)

Schönefeld is situated in the southeast of Berlin, approximately 18 km from the city centre. It will take you approximately 40 minutes to reach the ICC Berlin.

2009 prices

Airport	Means of Transport	City West		City East	
		Duration	Costs	Duration	Costs
Tegel (TXL)	Taxi	15-20 min.	€ 15,00	25 min.	€ 17,00
	Public Transport	30 min.	€ 2,10	45 min.	€ 2,10
	Express-Bus	20 min.	€ 2,10	28 min.	€ 2,10
Schönefeld (SXF)	Taxi	35 min.	€ 23,00	35 min.	€ 23,00
	Public Transport	30 min.	€ 2,80	20 min.	€ 2,80

Official Airline

The Star Alliance™ Members are pleased to be appointed as the official airline network for Heart Failure 2010 and to offer pre-registered delegates and one accompanying person special convention discounts between 10% and 20% off applicable published Business or Economy class fares, excluding website/internet fares, senior, youth and group fares, agency discount and round the world fares.

To obtain the Star Alliance™ Conventions Plus discount, please contact your local Star Alliance member, quote the following event code: **OS02A18** and submit proof of attending the event. When making your travel plans ensure that the event code is listed on your ticket.



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Venue

ICC Berlin

Messedamm 22

14055 Berlin - Germany

Web Site: www.icc-berlin.com



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