## Scientific Programme

**Heart Failure Association of the European Society of Cardiology**  
**Translational Winter Research Meeting on Heart Failure**  
**27-30 January, 2010**  
**Les Diablerets, Swizerland**

*in collaboration with the ESC Working Groups on Myocardial Function, Cellular Biology of the Heart, Cardiac Cellular Electrophysiology, Cardiovascular Pharmacology and Drug Therapy, the Council for Basic Cardiovascular Science, and EUGeneHeart.*

### Thursday Morning, 28 January

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
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<tr>
<td>8:15 – 8:25</td>
<td>A Shah (UK) - Introduction &amp; Welcome</td>
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| 8:25 – 8:50 | **Brutsaert Lecture**  
Rodolphe Fischmeister (France): Cardiac cAMP signaling: from subcellular microdomains to heart failure |
| 8:50 – 10:30 | **Session I. Signalling microdomains in the control of cardiac hypertrophy**  
**Chaired by: E Hirsch (Italy), B Casadei (UK)**  
8:50 – 9:15 | T Pozzan (Italy) - Ca²⁺ oscillation frequency decoding in cardiac cell hypertrophy |
|           | 9:15 – 9:40  
A Lacampagne (France) - Hypernitrosylated ryanodine receptors and calcium leak |
|           | 9:40 – 10:05  
S Janssens (Belgium) - PDE5 and PKG compartmentation |
|           | 10:05 – 10:30  
L Maier (Germany) - CamK signalling in cardiac hypertrophy |
| 10:30 – 11:00 | **Coffee Break**                                                                |
| 11:00 – 12:30 | **Session II. Epigenetic regulation in cardiovascular disease**  
**Chaired by: L de Windt (Netherlands), W Linke (Germany)**  
11:00 – 11:25 | MP Gupta (US)- Sirt3-dependent modulation of cardiac hypertrophy |
|           | 11:25 – 11:50  
J Sadoshima (US) - Redox modulation of Class II HDACs |
|           | 11:50 – 12:15  
J Backs (Germany) - CamKII delta and HDAC phosphorylation in pathological hypertrophy |
|           | 12:15 – 12:30  
Abstract 10: Modulation of hypertrophic signalling in the heart by tumour suppressor RASSF1A |
| 12:30 | **Lunch**                                                                    |

### Thursday Evening, 28 January

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<tr>
<td>17:00 - 19:45</td>
<td><strong>Poster Session - Wine &amp; Cheese</strong></td>
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| **Judges:** | K Sipido (Belgium) - Chair of Judges  
S Lehnart (Germany)  
S Heymans (Belgium)  
Z Papp (Hungary)  
G Tarone (Italy)  
M van Bilsen (Netherlands) |
| 20:00 – 22:00 | **Dinner**                                                                |
## Friday Morning, 29 January

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<tr>
<td>8:30 – 9.00</td>
<td><strong>Special Lecture in Honour of Professor Helmut Drexler</strong></td>
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<td>9:00 – 10:15</td>
<td><strong>Session III. EUGeneHeart Session: Coronary angiogenesis in hypertrophy and failure</strong>&lt;br&gt;<em>Chaired by: G Hasenfuss (Germany), D Brutsaert (Belgium)</em>&lt;br&gt;&lt;br&gt;9:00 – 9:25 J Heinecke (Germany) - Myocyte control of coronary angiogenesis&lt;br&gt;9:25 – 9:50 K Walsh (US) - Regulation of cardiac growth and angiogenesis by Akt/PKB signaling.&lt;br&gt;9:50 – 10:15 M Kuhn (Germany) - The natriuretic peptide/guanyl cyclase A system as a stress-responsive regulator of angiogenesis</td>
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<td>10:15 – 10:45</td>
<td><strong>Coffee Break</strong></td>
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<td>10:45 – 12:00</td>
<td><strong>Session IV. Cardiovascular imaging</strong>&lt;br&gt;<em>Chaired by: B Pieske (Austria), L Carrier (Germany)</em>&lt;br&gt;&lt;br&gt;10:45 – 11:10 R Choudhury (UK) - Inflammation imaging using iron microparticles.&lt;br&gt;11:10 – 11:35 V See (UK) - In vivo bioluminescence imaging to visualize NF-kB-dependent transcription&lt;br&gt;11:35 – 12:00 M Nahrendorf (US) - Molecular imaging of innate immune cell function in the heart</td>
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<td>12:00</td>
<td><strong>Group photograph</strong></td>
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<td>12:15</td>
<td><strong>Lunch</strong></td>
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<td>17:30 – 19:35</td>
<td><strong>Session V. Screening for new genes and pathways in heart failure</strong>&lt;br&gt;<em>Chaired by: S Cook (UK), P Ponikowski (Poland)</em>&lt;br&gt;&lt;br&gt;17:30 – 17:55 N Samani (UK) - Genome-wide scans for genes in heart disease&lt;br&gt;17:55 – 18:10 F Zannad (France) - Patient datasets for different heart failure phenotypes&lt;br&gt;18:10 – 18:25 A Voors (Netherlands) - BIOSTAT CHF (A systems BIOlogy Study to TAIlored Treatment in Chronic Heart Failure)&lt;br&gt;18:25 – 18:40 S Anker (Germany) - SICA-HF (Studies Investigating Co-morbidities Aggravating Heart Failure)&lt;br&gt;18:40 – 19:05 F Cambien (France) - How to incorporate genomics in clinical trials and registries&lt;br&gt;19:05 – 19:35 Group discussion: Led by A Mebazaa (France) and G Hasenfuss (Germany).</td>
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<tr>
<td>20:00 – 22:00</td>
<td><strong>Dinner and announcement of poster prize winners</strong></td>
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Saturday Morning, 30 January

8:30 – 10:05  **Session VI. Focus on miRNAs**  
*Chaired by: P Doevendans (Netherlands), G Tarone (Italy)*  

8:30 – 9:00  S Engelhardt (Germany), Basic Cardiovascular Science Lecture. New avenues in cardiovascular pharmacology  

9:00 – 9:25  E Creemers (Netherlands) - Role of microRNAs in myocardial matrix remodelling  

9:25 – 9:50  G Condorelli (Italy) - miR143 / miR1 and IGF1 in heart failure  


10:05 – 10:40  **Coffee Break**  

10:40 – 12:20  **Session VII. Cardiovascular regeneration**  
*Chaired by: T Eschenhagen (Germany), JL Balligand (Belgium)*  


10:55 – 11:20  M Mayr (UK) - Endothelial progenitor cells – Quo Vadis?  

11:20 – 11:45  L. Field (US) - Genes regulating cardiac myocyte proliferation  

11:45 – 12:10  D Hilfiker-Kleiner (Germany) - The cardiac Epo/EpoR system and endogenous cardiac regeneration potential.  

**12:10**  **Concluding remarks**  

12:20  **Lunch and departure**