

## Annual Report 2008-2009

### Part 1: Identification

Working Group on: **CELLULAR BIOLOGY OF THE HEART**

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#### **Nucleus composition (name):**

Chairperson: **Rainer Schulz**  
Vice-chairperson: **Michel Ovize**  
Past chairperson: **Pieter AFM. Doevendans**  
Treasurer: **Gary Francis Baxter**  
Secretary: **Cees JA van Echteld**  
Web editor: **Linda van Laake**  
Nucleus Members: **Lino M Goncalves, Ruediger von Harsdorf, Thomas Suter, Giorgio Attilio Vescovo, Kai Christoph Wollert, Peter Ferdinandy**

### Part 2: Turn-Over of the WG during the year

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**Election:** Chair /Organisation committee: Nucleus

Date: **April 30th**

Place: **Varenna**

Position(s) to be occupied: **Secretary and Treasurer**

Names of Candidates: **Kai Christoph Wollert**

Number of voting delegates (WG members): **5**

Results (elected candidates): **Kai Christoph Wollert**

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### Part 3: Activities of the WG during the year

#### ► **WG Annual Meeting(s)**

**Joint meeting with the working group on "Myocardial Function"** in Varenna (Italy) from 30 April to 3 May, 2009 (*see Minutes of the Meeting*).

#### ► **Endorsed Meeting(s)**

##### **Joint Meeting with the German Society of Physiology**

Sunday 22 March 2009 Hall 1 17:00-18:30

Topic: Myocardial ischemia/reperfusion injury and protection from it

Chairman: Rainer Schulz

Invited speaker: Michel Ovize (Inhibition of MPTP to prevent lethal reperfusion injury)

#### ► **Education programme(s) – Training, Courses & Grants**

None

#### ► **Publications / Guidelines / Scientific Papers**

##### ► **Position Papers / Consensus Documents**

The WG agreed to write a position paper on "Postconditioning". M. Ovize will be the responsible person and the ESC board agreed to support the project by providing funds for additional meetings.

► **Participation to guidelines - writing / reviewing**

None

► **Proposals for pre-arranged sessions at the ESC main congress and/or ESC Sub-specialty meetings**

The WG submitted proposals for the Basic Science meeting in Berlin 2010, which became approved and are included in the program:

New opportunities in stem cell research (P. Doevendans)

Chemical genetics for in vitro stem cell differentiation.

Human stem cells as model for cardiac differentiation and disease.

Functional cardiomyocytes derived from human induced pluripotent stem cells.

Mitochondria and cardioprotection (R. Schulz, M. Ovize)

Mitochondrial connexin 43 and ischemic preconditioning.

Mitochondrial STAT3 and ischemic postconditioning.

RISK and cardioprotection.

MPTP and cardioprotection.

► **Other:**

- Membership: **223 members as of September 2009**. 17 new members have been assigned to the WG through the year.

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**Part 4:**

► **Future projects**

- The WG will contribute to the Basic Science Congress in 2010 (see above)
- The WG will prepare a position paper (see above)
- The WG tries to arrange for a teaching course at the Heart house on "Protection from ischemia/reperfusion injury"

► **Finances:**

- List your Income: Please specify amount & purpose (from ESC entities & from Industry sponsorship)

Income: Servier Germany 3000.- Euro

Income: SanofiAventis: 5000.- Euro

- List your main expenses:  
Joint meeting with the German Physiological Society 5000.- Euro (3000.- Euro from Servier)  
Joint annual meeting with the WG on Myocardial function (balance sheet to be prepared)