

# Annual Report 2006 – 2007

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## Working Group on Pulmonary Circulation and Right Ventricular Function

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### **STATEMENT OF THE OBJECTIVES:**

The main objectives of our WG are

- to inspire research by promoting international collaboration and multicenter trials independent from industry
- to produce and implement clinical practice guidelines in the field of pulmonary hypertension and right ventricular function
- to organize postgraduate educational programs and scientific meetings outside of the ESC annual meeting.

### **MEMBERS: 110 (+5)**

### **NUCLEUS:**

Chairperson: Jean-Luc Vachier

Vice-chairperson: Nazzareno Galie

Past chairperson: Adam Torbicki

Treasurer: Hosrt Olschewski

Secretary: None

Web editor: Piotr Pruzcick

Nucleus Members: Gerald Simonneau, Robert Naeije, Marc Humbert, Meinhardt Kneussl, Mireille Brochier, Mario morpurgo, Otto Burghuber

### **VOTE:**

Chair: JL Vachier

Date: Monday 3<sup>rd</sup> september

Place: Vienna – General assembly, after proposal by the nucleus

Position(s) to be occupied: Nucleus members, Web editor

Names of Candidates: Irene Lang, Christian Opitz, Miguel Gomez Sanchez – Replacing M Brochier, M Morpurgo and O Burghuber.

Results: Nucleus agreed on proposed replacement. A search for a new web editor will be organised immediately after the ESC meeting.

## **NEW NUCLEUS 2007 (changes in bold)**

Chairperson: Jean-Luc Vachiery

Vice-chairperson: Nazzareno Galie

Past chairperson: Adam Torbicki

Treasurer: Hosrt Olschewski

Secretary: None

Web editor: **Vacant**

Nucleus Members: Gerald Simonneau, Robert Naeije, Marc Humbert, Meinhardt Kneussl, **Irene Lang, Christian Opitz, Miguel Gomez-Sanchez**

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## **Activities**

### **1) Education programmes**

#### **Course 1 – Identification and Management of Pulmonary Arterial Hypertension (20-21/10/2006)**

Chair / organisation committee: N Galie, M Humbert

Location: European Heart House

EBAC accreditation (9 CME credits)

N° of participants: 123

#### **Course 2 – Pulmonary Arterial Hypertension – Clinical experiences and Scientific Evidence (12-13/10/2007)**

Chair / organisation committee: N Galie, G Simonneau

Location: European Heart House

EBAC accreditation (9 CME credits)

N° of participants: TBD

### **2) Guidelines**

#### **Task Force for Guidelines on Pulmonary Arterial Hypertension**

- Chair: N Galiè (Vice-Chairman of the WG 12)
- Contribution of the WG 12: Representation of the nucleus in the Task Force Committee: JL Vachiéry (Chairman WG12), A Torbicki (Past-Chairman), G Simonneau, M Humbert, C Opitz, Miguel-Angel Gomez-Sanchez
- Output: Updated pocket guidelines on Pulmonary Arterial Hypertension, available 2006

### **Task Force for Guidelines on Pulmonary Embolism**

- Chair: A Torbicki (Past Chairman of the WG)
- Contribution of the WG: Core members of the Task Force include N Galie (Vice Chairman of WG) Stavros Konstantinides (treatment) Giancarlo Agnelli (specific conditions)
- Output: expected Q4 2008

### **3) Proposals for pre-arranged sessions at the ESC main congress**

#### **All proposals were reviewed and submitted by:**

- JL Vachiéry (Chairman)
- N Galie (Vice-Chairman)
- A Torbicki (Past Chairman – CPC coordinator)

*List of proposals (A accepted – R rejected)*

<b>Title</b>	<b>Status</b>
<b>1. Cardiovascular imaging in pulmonary hypertension</b>	<b>A</b>
2. The cardiovascular system in hypoxia	R
3. Physiological basics of pulmonary arterial hypertension	R
4. Chronic thromboembolic pulmonary hypertension: a complication of acute pulmonary embolism?	R
5. Echocardiography has no place in diagnosis of Pulmonary Embolism	R
<b>6. Pulmonary Embolism and Pregnancy</b>	<b>A</b>
7. Clinical and therapeutic challenges in Pulmonary Arterial Hypertension	R
8. Pulmonary hypertension and left heart diseases	R
<b>9. The failing right ventricle</b>	<b>A</b>
10. Assessment of severity in Pulmonary Arterial Hypertension	R
<b>11. Combination therapy in Pulmonary Arterial Hypertension</b>	<b>A</b>

#### 4) Other:

##### ▪ **Membership:**

- Application forms are reviewed by Chairman/Vice-Chairman who grant approval for membership
  - The WG will stimulate the exchanges with National Societies by 1) identifying the National Societies who already have an active WG; 2) send calls for membership (through weblink/flyers) after agreement of the chairmen of each national WG
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### **Future projects:**

#### **1) Guidelines on the diagnosis and management of Pulmonary Arterial Hypertension.**

- Chairman: N Galiè (Vice-Chairman of the WG12)
- Status of the project: It has been decided that the guidelines will be the fruit of a joint collaboration with other scientific societies, namely The European Respiratory Society (ERS) and The International Society for Heart and Lung Transplantation (ISHLT) and referred as the ESC and ERS guidelines. The relative representation of these societies is as follows: ESC (9), ERS (5), ISHLT (2), American College of Chest Physicians (1).
- Role of the WG: the nucleus of the WG12 is represented by 7 ordinary members.
- Timing: expected **2009**
- Output: including joint publication Eur Heart J, Eur Respir J, J Heart and Lung Transplant.

#### **2) Expert Meeting On Chronic Thrombo Embolic Pulmonary Hypertension (Vienna 2008)**

- Chair(wo)man: I Lang (ordinary member of the nucleus)
- Organising committee: A Torbicki (Past Chairman of WG12), M Kneussl (nucleus ordinary member), D Bonderman, W Klepetko.
- Role of the WG: In addition to its representation in the organising committee, the WG wishes to endorse the meeting.
- Timing: 4-5<sup>th</sup> July 2008
- Output: TBD

### **3) Workshop on exercise echo in Pulmonary Hypertension**

- Chairman: JL Vachiéry (Chairman of the WG12)
- Background: Exercise echocardiography is an increasingly important tool in the management of patients with cardiovascular diseases. Although it may be useful in the unique setting of pulmonary hypertension, data are lacking to clearly define its place in the management of pulmonary vascular diseases. As a result, the tool may be misused and lead to potential harmful decisions in the management of this severe condition.
- Aim: To provide guidance in the definition, the technique and the role of exercise echocardiography in pulmonary vascular diseases.
- Role of the WG: Activity lead by the WG.
- Setting: Closed expert workshop to be organised in spring 2008 in collaboration with representatives of other WG
- Timing: Q3 2008
- Output: publication of a position paper

### **4) International Registry on Atrial Septostomy**

- Chairman: JL Vachiéry (Chairman of the WG12)
- Background: Pulmonary Arterial Hypertension (PAH) is a severe progression disorder rapidly leading to right heart failure and death. Modern management of PAH includes combined targeted oral drug therapy and parenteral prostacyclins. Despite major advances in its treatment and understanding, the condition remains incurable. For patients failing on drug therapy, interventions such as lung transplantation and balloon-dilation atrial septostomy (BDAS) have a significant role to play.
- Aim: To report current experience of BDAS performed in the setting of specialised pulmonary vascular diseases clinics.
- Role of the WG: Activity lead by the WG.
- Setting: Data collection – registry in key European centres with experience in the treatment of PAH.
- Timing: TBD
- Output: TBD (scientific publication)

### **5) Pulmonary Circulation Prague 2010 – European forum**

- Background: The tradition to organise international meetings on pulmonary circulation is well anchored in the activities of the ESC. In the early 70's, Professor Jiri Widimski paved the way of such major event. A previous meeting has been organised in 2006 in Warsaw, in conjunction with the Polish Society of Cardiology. It has been such an immense success that it has been agreed to link with history and organise the next forum in Prague in 2010.
- Setting: Educational and scientific meeting.
- Role of the WG: participation in the organisation. The scientific and local organising committee are in preparation. A comprehensive

proposal will be sent to the Chairman and Vice Chairman of the WG by the organisers (which include M Aschermann and P Jansa who are members of the WG). A joint endorsement by the WG 12 of the ESC and it's brother organisation of the ERS, together with their respective Czech societies, is pending approval.

- Timing: july 2010
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## FINANCES:

<i>Date</i>	<i>Comments</i>	<i>Debit</i>	<i>Credit</i>	<i>Balance</i>
	<b>Balance on 01/04/06</b>			6,460.75
25/10/2006	To be transferred to ESC, ACS équipements audio visuel WCC06	108.89		
	<b>Balance on 25/10/06</b>			6,351.86
31/12/2006	To be transferred to ESC, Gastrofira catering WCC06	121.88		
	<b>Balance on 31/12/06</b>			<b>6,229.98</b>
13/03/2007	ESC bonification 2006-2007		1,500.00	
	<b>Balance on 31/03/07</b>			<b>7,729.98</b>
31/03/2007	Allocation of the financial income to WG? To be transferred on may		211.00	
	<b>Balance on 31/08/07</b>			<b>7,940.98</b>