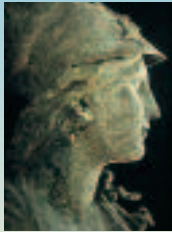


# 7TH SUMMER CONFERENCE IN INTENSIVE CARE MEDICINE ATHENS, GREECE, 6-8 JUNE 2008



## ACUTE HEART FAILURE

*An interactive 3-morning educational conference  
for physicians and allied healthcare professionals  
organised by*

Society of  
Critical Care Medicine



EUROPEAN SOCIETY  
OF INTENSIVE CARE  
MEDICINE



*Conference organiser*  
EUROPEAN SOCIETY OF INTENSIVE CARE MEDICINE  
40 Avenue Joseph Wybran / B-1070 Brussels  
Tel 32 2 559 03 55 / Fax 32 2 527 00 62  
public@esicm.org / www.esicm.org

**FINAL PROGRAMME**

## INTRODUCTION

The European Society of Intensive Care Medicine (ESICM) in collaboration with the Society of Critical Care Medicine (SCCM) has initiated a series of Summer Conferences on issues related to disease management. ESICM is delighted to organise the 7th Summer Conference on the topic **ACUTE HEART FAILURE**.

Failure of the heart is an extremely common condition on Intensive Care Units around the world. Many patients either present with this condition or acquire it whilst in the hospital. Care of these patients is complex and is associated with increasing amounts of time, skills and resources. Recent research studies and consensual agreements can better help us to understand how we should be looking after these patients. This programme is therefore designed to discuss and debate all of these issues, providing clinicians with an up to date level of knowledge surrounding the state of the art theories and practices for treating acute heart failure.

The programme will also discuss new technologies, how they are used, and provide industry the opportunity to demonstrate their tools.

The format of this conference is a mixture of state of the art lectures and "informal" interactive sessions. The aim is to provide an environment that is both enjoyable and conducive to learning.

This conference allows the participants to benefit from high level presentations in the morning and enjoy the City of Athens in the afternoon.

We are happy to welcome you in Athens to enjoy this Summer Conference.

**ANDREW RHODES, ESICM AND STEVE HOLLENBERG, SCCM**  
*Co-Chairpersons of the Summer Conference Committee*

## 7<sup>TH</sup> SUMMER CONFERENCE COMMITTEE



### CO-CHAIRPERSONS

Andrew Rhodes, *London, United Kingdom*



Steve Hollenberg, *Camden, USA*

### STEERING GROUP

#### VICE CO-CHAIRPERSONS

Jan Poelaert, *Brussels, Belgium*

Andrew Shaw, *Durham, USA*

#### IMMEDIATE PAST-CHAIRPERSONS

Jan Wernerman, *Stockholm, Sweden*

Judith Jacobi, *Indianapolis, USA*

## FACULTY LIST

Maria Rosa Costanzo, *Naperville, USA*  
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Ferenc Follath, *Zurich, Switzerland*  
Steve Hollenberg, *Camden, USA*  
Elias Iliadis, *Camden, USA*  
Judith Jacobi, *Indianapolis, USA*  
Dimitrios Matamis, *Thessaloniki, Greece*  
Alexandre Mebazaa, *Paris, France*  
Rui Moreno, *Lisbon, Portugal*  
Serafeim Nanas, *Athens, Greece*  
Torbjorn Omland, *Lorenskog, Norway*  
John Parissis, *Athens, Greece*  
Jan Poelaert, *Brussels, Belgium*  
Marco Ranieri, *Turin, Italy*  
Andrew Rhodes, *London, United Kingdom*  
Joseph Rogers, *Durham, USA*  
Andrew Shaw, *Durham, USA*  
Miguel Tavares, *Porto, Portugal*  
Wolfgang Toller, *Graz, Austria*  
Antoine Vieillard-Baron, *Boulogne, France*  
Gorazd Voga, *Celje, Slovenia*



## ORGANISATION



**European Society of Intensive Care Medicine**

40 Avenue Joseph Wybran / B-1070 Brussels  
Tel + 32 2 559 03 55 / Fax + 32 2 527 00 62  
public@esicm.org / <http://www.esicm.org>

## CONFERENCE SPONSORS



## VENUE

### DATES

The Conference will start on Friday 6 June 2008 at 08.00 and will end on Sunday 8 June at 13.15.

### CONFERENCE LOCATION

The Conference will take place in the Ilissos conference room of the

DIVANI CARAVEL HOTEL

2 vas. Alexandrou Avenue, 16121 Athens

Tel +30 210 720 7000

Fax +30 210 723 6683

[www.divanicaravel.gr](http://www.divanicaravel.gr)

### HEADQUARTERS

HOTEL HILTON

46 vas. Sofias Avenue, 11528 Athens

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Info: [events.athens@hilton.com](mailto:events.athens@hilton.com)

[www.hilton.com](http://www.hilton.com)

### CONFERENCE SECRETARIAT

European Society of Intensive Care Medicine

ESICM - Summer Conference

40 Avenue Joseph Wybran

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[congsecr@esicm.org](mailto:congsecr@esicm.org)

[www.esicm.org](http://www.esicm.org)

### CONFERENCE LANGUAGE

The official language of the Conference is English.

There will be no simultaneous translation.

### NON-SMOKING CONFERENCE

The ESICM thanks in advance the participants to avoid smoking in the Conference centre, as well as during coffee breaks.

### DISCLAIMER

The Organising Society accepts no liability for injuries/losses of whatever nature incurred by participants and/or accompanying persons, nor for loss or damage to their luggage and/or personal belongings.

### INFORMATION ON ATHENS

Athens Centre / Information desk

Tel +30 210 3310392 & +30 210 3310716

[www.athensinfoguide.com](http://www.athensinfoguide.com)

## REGISTRATION

**ON SITE REGISTRATION DESK** The registration package will be handed out to the participants from the registration desk (next to the meeting room) during the following opening hours

Thursday 5 June 19.00 – 20.00

Friday 6 June 07.30 – 12.00

On site registration will be managed within the same time frame.

**REGISTRATION FEES** include registration to the three morning conferences, conference package, coffee breaks and attendance at the cocktail reception.

ESICM / SCCM member*	350 €
Non-member	440 €
Young physician**, Nurses, Physiotherapists, and other allied healthcare professionals	200 €

\*\* *born on/after 1st June 1975 (please provide a copy of identity card or passport proving date of birth)*

\***DISCOUNTS** for ESICM/ESPNIC members are only available to members who have paid their dues for the current year.

## LEARNING OBJECTIVES

At the conclusion of the meeting, participants should be able to

- ◆ Define acute heart failure and describe its epidemiology
- ◆ Recognize the pathophysiological distinctions among various acute heart failure syndromes: LV systolic dysfunction, LV diastolic dysfunction, and RV failure
- ◆ Understand the role of biomarkers, imaging, and haemodynamic assessment in the diagnosis of acute heart failure
- ◆ Implement optimal pharmacologic therapies for acute heart failure including diuretics, vasodilators, and inotropic agents
- ◆ Discuss novel therapies in the treatment of acute heart failure including new pharmacologic agents, ultrafiltration, and mechanical assist devices.

## CONTINUING MEDICAL EDUCATION EACCME

The 7<sup>th</sup> Summer Conference in Intensive Care Medicine organised by the European Society of Intensive Care Medicine is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS). The Panhellenic Medical Association has granted 9 hours of CME/CPD credits to the conference.

The EACCME has granted 9 European CME credits (ECMEC) to the conference. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. EACCME credits are recognized by the American Medical Association towards the Physician's Recognition Award (PRA). To convert EACCME credit to AMA PRA Category 1 credit, contact the AMA.

## HOTELS

### **HOTEL CARAVEL DIVANI** (Conference hotel)

Room Ilissos  
2 vas. Alexandrou Avenue, 16121 Athens  
Tel +30 210 720 7000  
Fax +30 210 723 6683  
Info: [divanis@divanicaravel.gr](mailto:divanis@divanicaravel.gr)  
[www.divanicaravel.gr](http://www.divanicaravel.gr)

### **HOTEL HILTON** (Headquarters)

(2 min walking distance from Divani)  
46 vas. Sofias Avenue, 11528 Athens  
Tel +30 210 728 1000  
Fax +30 210 728 1111  
Info: [events.athens@hilton.com](mailto:events.athens@hilton.com)  
[www.hilton.com](http://www.hilton.com)



07.30 - 08.00	Breakfast	
08.00 - 08.15	Welcome and introduction to Day 1	ANDREW RHODES, London, United Kingdom

**ACUTE HEART FAILURE 2008 AND 2018: EUROPEAN AND NORTH AMERICAN PERSPECTIVES**

LEARNING OBJECTIVES

- ◆ Understand common practices in Europe and North America
- ◆ Recognize the goals for advancing care of the acute heart failure patient over the next decade

CHAIRPERSON: STEVE HOLLENBERG, Camden, USA

08.15 - 08.30	European perspectives	ALEXANDRE MEBAZAA, Paris, France
08.30 - 08.55	North American perspectives	MARIA ROSA COSTANZO, Naperville, USA

**SESSION 1 THE PROBLEM OF ACUTE HEART FAILURE: DEFINITION AND EPIDEMIOLOGY**

LEARNING OBJECTIVES

- ◆ Recognize various manifestations of acute heart failure
- ◆ Understand the epidemiology and prognosis of acutely decompensated heart failure of different aetiologies

CHAIRPERSONS: RUI MORENO, Lisbon, Portugal & ANDREW SHAW, Durham, USA

08.55 - 09.15	Clinical scenarios in the emergency department and ICU	GERASIMOS FILIPPATOS, Athens, Greece
09.15 - 09.35	Epidemiology of acute heart failure	TORBJORN OMLAND, Lorenskog, Norway
09.35 - 09.55	Short and long-term outcome of acute heart failure	STEVE HOLLENBERG, Camden, USA
09.55 - 10.15	Discussion	

10.15 - 10.30 Coffee break

**SESSION 2 PATHOPHYSIOLOGY OF ACUTE HEART FAILURE**

LEARNING OBJECTIVES

- ◆ Distinguish among various acute heart failure syndromes
- ◆ Understand the vascular and haemodynamic components of the pathophysiology of cardiogenic shock

CHAIRPERSONS: MIGUEL TAVARES, Porto, Portugal & DIMITRIOS MATAMIS, Athens, Greece

10.30 - 10.55	LV systolic dysfunction	JAN POELAERT, Brussels, Belgium
10.55 - 11.15	LV diastolic dysfunction	GERASIMOS FILIPPATOS, Athens, Greece
11.15 - 11.35	RV dysfunction	ANTOINE VIEILLARD-BARON, Boulogne, France
11.35 - 11.55	Cardiogenic shock: Heart and vessel dysfunction	ELIAS ILIADIS, Camden, USA
11.55 - 12.30	Discussion	

13.00 End of the first day



07.15 - 07.45	Breakfast	
07.45 - 08.00	Introduction to Day 2	JAN POELAERT, Brussels, Belgium

**SESSION 3 DIAGNOSIS AND MONITORING OF PATIENTS WITH ACUTE HEART FAILURE**

LEARNING OBJECTIVES

- ◆ Understand the role of biomarkers, imaging, and haemodynamic assessment in the diagnosis of acute heart failure

CHAIRPERSONS: JAN POELAERT, Brussels, Belgium & ANDREW SHAW, Durham, USA

08.00 - 08.15	The role of BNP in the evaluation of acute heart failure	TORBJORN OMLAND, Lorenskog, Norway
08.15 - 08.30	The role of echocardiography	DIMITRIOS MATAMIS, Thessaloniki, Greece
08.30 - 08.45	The role of haemodynamic monitoring	ANDREW RHODES, London, United Kingdom
08.45 - 09.00	Discussion	

**SESSION 4 TUTORIALS**

LEARNING OBJECTIVES

- ◆ Understand the diagnosis, pathophysiology and management of cardiogenic shock
- ◆ Understand the pathophysiology of and treatment strategies for renal decompensation in acute heart failure

CHAIRPERSONS: JAN POELAERT, Brussels, Belgium & ANDREW SHAW, Durham, USA

09.00 - 09.30	Cardiogenic shock	ELIAS ILIADIS, Camden, USA
09.30 - 10.00	Cardio-renal syndrome	MARIA ROSA COSTANZO, Naperville, USA

10.00 - 10.15 Coffee break

**SESSION 5 TREATMENT OF ACUTE HEART FAILURE SYNDROME**

LEARNING OBJECTIVES

- ◆ Learn how to choose among and combine pharmacologic therapies for acute heart failure
- ◆ Understand how to titrate these agents to their optimal dosages

CHAIRPERSONS: JUDITH JACOBI, Indianapolis, USA & RUI MORENO, Lisbon, Portugal

10.15 - 10.45	Severity assessment of acute heart failure	JOSEPH ROGERS, Durham, USA
10.45 - 11.00	Diuretics	MARIA ROSA COSTANZO, Naperville, USA
11.00 - 11.15	Vasodilators	GORAZD VOGA, Celje, Slovenia
11.15 - 11.30	Classical catecholamines	ANTOINE VIEILLARD-BARON, Boulogne, France
11.30 - 11.45	Discussion	

**SESSION 6 LEVOSIMENDAN IN ACUTE HEART FAILURE:  
THE CHALLENGE BETWEEN RESEARCH AND PRACTICE**

SESSION SPONSORED BY  **Abbott**  
A FORTIS HEALTHCARE COMPANY

LEARNING OBJECTIVES

- ◆ Introduce ALARM-HF and the valuable information it provides in the management of acute heart failure
- ◆ Outline the strengths of Levosimendan, from a practical point of view
- ◆ Outline key learning points, which may be put into practise, based on the results of REVIVE and SURVIVE

CHAIRPERSONS: GERASIMOS FILIPPATOS, Athens, Greece & ANDREW RHODES, London, United Kingdom

11.45 - 11.50	Welcome	ANDREW RHODES, London, United Kingdom
11.50 - 12.10	Acute heart failure global registry of standard treatment (ALARM-HF): Providing answers	FERENC FOLLATH, Zurich, Switzerland
12.10 - 12.30	Levosimendan: Where is the novelty?	ALEXANDRE MEBAZAA, Paris, France
12.30 - 12.50	What did REVIVE and SURVIVE teach us?	WOLFGANG TOLLER, Graz, Austria
12.50 - 13.00	Questions from the audience - Take home messages	

13.00 End of the first day

07.15 - 07.45	Breakfast	
07.45 - 08.00	Introduction to Day 3	JUDITH JACOBI, Indianapolis, USA

## SESSION 7 MANAGEMENT OF ACUTE HEART FAILURE

### LEARNING OBJECTIVES

- ◆ Understand the role of non-invasive ventilation in acute decompensated heart failure
- ◆ Describe the evidence for use of levosimendan in acute heart failure
- ◆ Understand how to adjust the chronic heart failure regimen in the setting of acutely decompensated heart failure

CHAIRPERSONS: JUDITH JACOBI, Indianapolis, USA & TORBJORN OMLAND, Lorenskog, Norway

08.00 - 08.15	The role of non-invasive ventilation	MARCO RANIERI, Turin, Italy
08.15 - 08.30	Levosimendan	JOHN PARISSIS, Athens, Greece
08.30 - 08.45	How to manage chronic therapies	GORAZD VOGA, Celje, Slovenia
08.45 - 09.00	Discussion	

## SESSION 8 TUTORIALS

### LEARNING OBJECTIVES

- ◆ Update on acute coronary syndromes with particular attention to the management of concomitant acute heart failure as well as strategies for prevention of remodeling
- ◆ Understand how to select patients for mechanical assist and how to choose among devices for those patients

CHAIRPERSONS: JUDITH JACOBI, Indianapolis, USA & TORBJORN OMLAND, Lorenskog, Norway

09.00 - 09.30	Acute coronary syndrome	STEVE HOLLENBERG, Camden, USA
09.30 - 10.00	Mechanical assist devices	SERAPEIM NANAS, Athens, Greece

10.00 - 10.15 Coffee break

## SESSION 9 UPCOMING THERAPIES FOR THE MANAGEMENT OF ACUTE HEART FAILURE

### LEARNING OBJECTIVES

- ◆ Learn about novel therapies in the treatment of acute heart failure

CHAIRPERSONS: JOHN PARISSIS, Athens, Greece & ANDREW SHAW, Durham, USA

10.15 - 10.30	New inotropes	ALEXANDRE MEBAZAA, Paris, France
10.30 - 10.45	New vasodilators	MIGUEL TAVARES, Porto, Portugal
10.45 - 11.00	Ultrafiltration	MARIE ROSA COSTANZO, Naperville, USA
11.00 - 11.15	The role of transplantation	JOSEPH ROGERS, Durham, USA
11.15 - 11.30	Discussion	

## SESSION 10 CASE PRESENTATIONS

### LEARNING OBJECTIVES

- ◆ Learn about novel therapies in the treatment of acute heart failure

CHAIRPERSONS: JOHN PARISSIS, Athens, Greece & ANDREW SHAW, Durham, USA

11.30 - 11.50	Case presentation 1	ANTOINE VIEILLARD-BARON, Boulogne, France
11.50 - 12.10	Case presentation 2	ANDREW SHAW, Durham, USA
12.15 - 12.30	Discussion	

## SESSION 11 WHERE DO WE GO FROM HERE?

### LEARNING OBJECTIVES

- ◆ Recognize areas for future study
- ◆ Update on status of guidelines

CHAIRPERSONS: ANDREW RHODES, London, United Kingdom & STEVE HOLLENBERG, Camden, USA

12.30 - 12.45	Where do we go from here?	ALEXANDRE MEBAZAA, Paris, France
12.45 - 13.00	Summary and programme evaluation	ANDREW RHODES, London, UK & STEVE HOLLENBERG, Camden, USA
13.00	Adjournment	

13.15 End of the Conference - Closing reception

# FACULTY RESUMÉ

## AND DECLARATION OF POTENTIAL CONFLICT OF INTERESTS

**Maria Rosa COSTANZO,**  
*Naperville, USA*

Maria Rosa Costanzo is currently the Medical Director of the Heart Failure Program with Midwest Heart Specialists and Medical Director of the Edward Center for Advanced Heart Failure in Naperville Illinois. She graduated Valedictorian of her class of 1,500 from the University Of Bologna Medical School, Italy and obtained her Specialty in Cardiovascular Disease from Loyola University Chicago. She directed the Loyola University Chicago Heart Failure and Cardiac Transplant Program from 1988 until 1994 and the Rush Heart Failure and Cardiac Transplant Program from 1994 until 2001. From 1995 until 2002 she was the The John H. and Margaret V. Krehbiel Professor of Cardiology at Rush Medical College, Chicago. From 1995 until 2000 she was the Editor in Chief of the Journal of Heart and Lung Transplantation. She has published more than 150 peer-reviewed manuscripts and is the author of numerous review papers, monographs and book chapters. She is currently a member of the SAC for the Acute Decompensated Heart Failure National Registry (ADHERE). She is a Member of the AHA, ACC, ISHLT, HFSA and ACP. In 2002 she was appointed by the U.S. Secretary of Health and Human Services, The Honorable Tommy Thompson to a four year term on the National Heart and Blood Institute Advisory Council. She is currently a Member of the Research Committee of the Heart Failure Society of America. She was the Principal Investigator for the Multicenter, Prospective Randomized Ultrafiltration Versus Intravenous Diuretics for Patients Hospitalized for Acute Decompensated Heart Failure (UNLOAD) Trial published in the Journal of the American College of Cardiology in February 2007.

**Gerasimos FILIPPATOS,**  
*Athens, Greece*

Gerasimos Filippatos received his MD Degree from University of Patras, Greece and a Doctoral Degree in Physiology-Critical Care from the University of Athens, Greece. His Clinical Training was in Internal Medicine, Cardiology, Critical Care and Transplantation in Athens-Greece, Chicago, IL-USA and Cambridge-UK. He is currently in Charge of the Heart Failure Unit of the University Department of Cardiology at the Athens University Hospital Atticon. He is Associate Editor of the International Journal of Cardiology and of the journal Acute Cardiac Care, Reviewer and Guest Editor and Member of the Editorial Board in major Cardiology and Critical Care journals. He has more than 200 Publications in peer-reviewed Journals, more than 30 Chapters in Books and he is the Editor of 5 Books. Dr Filippatos is also Board Member of the HFA of the ESC, chairman of the Acute Heart Failure SG, Member of the Practice Guidelines Committee and of the Program Committee of the European Society of Cardiology.

**Ferenc FOLLATH,**  
*Zurich, Switzerland*

Medical education: University of Basel, Switzerland, Hammersmith Hospital, London  
Positions held: Professor of medicine, University of Zürich, Head Department of Medicine University Hospital, Zürich Switzerland ( 1990 –Aug.31. 2005).  
Present: Emeritus professor of Medicine, Chairman of the Steering Group for Drug Therapy, University Hospital, Zürich  
Cardiologist, Center for Cardiovascular Diseases, Park Clinic/Hirslanden Zürich  
Member of the Study Group for Acute Heart Failure of the ESC  
Research interests: Epidemiology and drug therapy of acute and chronic heart failure. Anti-arrhythmic drugs, Clinical aspects of inflammatory heart diseases.  
More than 400 papers and reviews in international journals of cardiology and medicine  
Honours: Honorary member of the Hungarian Society of Cardiology and of the Swiss Society of Internal Medicine, Honorary Fellow of the European Federation of Internal Medicine

**Steve HOLLENBERG,**  
*Camden, USA*

Steve Hollenberg is a professor of medicine at Robert Wood Johnson Medical School/UMDNJ and director of the coronary care unit at Cooper University Hospital in Camden, NJ. He was educated at Amherst College and Emory University School of Medicine, and then training in internal medicine at The New York Hospital-Cornell Medical College, in critical care medicine at the National Institutes of Health, and in cardiovascular diseases at Johns Hopkins Hospital.  
Research interests relate to microvascular and myocardial function, with emphasis on the pathophysiology of septic shock. Clinical interests include septic and cardiogenic shock. Clinical investigations include assessment of endothelial dysfunction and vascular compliance and use of sidestream darkflow (SDF) imaging to evaluate sublingual microvascular flow in shock states.

**Elias ILIADIS,**  
*Camden, USA*

Elias A. Iliadis, MD FACC, FSCAI attended UMDNJ - Robert Wood Johnson Medical School, Medicine residency at Thomas Jefferson University Hospital and Cardiology fellowship at Rush Presbyterian St. Luke's medical Center, Chicago. Interventional fellowship was completed at University of Michigan Medical Center, Ann Arbor. Currently, he is Associate Director, Cardiac Catheterization Laboratory, Cooper University Hospital and Director of Peripheral Interventional Program. He is Medical Director, Non invasive Vascular Laboratory. He is an Assistant Professor of Medicine, UMDNJ-RWJMS at Camden. Dr. Iliadis's research interests include treatment of Coronary Artery Disease, Peripheral Vascular Disease and Non invasive Vascular Disease Assessment.

**Judith JACOBI,**  
*Indianapolis, USA*

Dr. Jacobi is a Critical Care Pharmacist in the Medical-Surgical and Neurosurgical Critical Care Units at Methodist Hospital, Division of Clarian Health in Indianapolis, Indiana. In this role she provides pharmaceutical care for a large population of critically ill patients.  
Dr. Jacobi is Treasurer of the Society of Critical Care Medicine. She served as a Co-Chair of the 2007 SCCM/ESICM Summer Meeting on Nutrition. She was the lead author on a joint project between SCCM and ASHP to update the guidelines for sedation and analgesia of critically ill patients. She is current Chair of the SCCM Glycemic Control Guidelines committee.

# FACULTY RESUMÉ

## AND DECLARATION OF POTENTIAL CONFLICT OF INTERESTS

**Dimitrios MATAMIS,** *Thessaloniki, Greece*  
Dimitrios Matamis is head of the Papageorgiou Hospital ICU, Thessaloniki, Greece. Dr Matamis has a broad experience with bedside echocardiography in the ICU. He has presented his experience in several international medical meetings and he is known to be an excellent teacher and a skilled bedside clinician. His case studies are unique in demonstrating the exceptional role echocardiography can play in the ICU. Dr Matamis is actively using bedside echocardiography in his ICU and plays an active role in education and research.

**Alexandre MEBAZAA,** *Paris, France*  
Alexandre Mebazaa is Professor of Anaesthesiology and Critical Care Medicine at the Hôpital Lariboisière, Paris, France. Professor Mebazaa qualified from the Louis Pasteur University, Strasbourg, France, and subsequently obtained a doctorate on the effect of endothelial cells on the calcium responsiveness of the cardiac myofilament from the Lariboisière School of Medicine, Paris. His research interests include mechanisms of contractile impairment during sepsis and globally during acute heart failure. He is the PI of SURVIVE, an European trial comparing the effects of levosimendan and dobutamine on mortality in severe acute heart failure.

**Rui Paulo MORENO,** *Lisbon, Portugal*  
Rui Moreno was born on 20 June 1961 in Lisbon, Portugal. Board-certified in Internal Medicine, Intensive Care Medicine, and Emergency Medicine. Working in intensive care medicine since 1990, currently being the ICU Coordinator at the Hospital de St. António dos Capuchos (Centro Hospitalar de Lisboa Central, E.P.E., in Lisbon, Portugal. His most important postgraduate activities include the European Diploma in Intensive Care Medicine by the European Society of Intensive Care Medicine (1991), Postgraduate training in Statistics in Medical Education (1995), PhD in Medicine by the Rijksuniversiteit Groningen (The Netherlands), 1997. Several invited Professorships: Universidade Católica Portuguesa / Ordem dos Médicos. Rui Moreno is currently President of the Portuguese Society of Intensive Care Medicine (SPCI), member of the Council of the World Federation of the Societies of Intensive and Critical Care Medicine (since 2001) and was the Portuguese delegate of the Pan-American and Iberian Federation of Intensive Care Medicine (1995, 1999, 2003 & 2007). Past Editor-in-Chief of the Revista Portuguesa de Medicina Intensiva and member of the Advisory Board of Intensive Care Medicine. His scientific activities include more than 150 papers published in national and international scientific journals and more than 300 presentations in national and international scientific meetings. In ESICM Rui Moreno was Portuguese delegate to Council 1999-2003; Deputy Chair of the HSRO Section from 1999 to 2001; Chairman of the HSRO Section 2001-2004; Chairman of the Division of Scientific Affairs 2002-2005; President-elect of the ESICM (since 2006); Member of the Jury of the International Consensus Conference in 2004 and 2006; Chair of the Summer School in 2005; Member of the Task Force on European Directives for Research 2002-2003; Initiator of the ESICM Registry with the European Registry on Intensive Care (ERIC); Project coordinator of the SAPS 3 Outcomes Research Group (SORG).

**Serafeim NANAS,** *Athens, Greece*  
Serafim Nanas is Associate Professor of Intensive Care in the Medical School NKU of Athens, Greece. He spent four years of postdoctoral studies at Northwestern University in Chicago, and at McGill University in Montreal. He is a member of the National Council on Transplantation. He is the author of more than 65 original articles published in peer-reviewed journals, (total impact factor of over 200 more than 1200 total citations). He is the author of five medical books in Greek. He is dedicated in training students and postdoctoral fellows in intensive care. Main research interests: mechanical support of the circulatory system, sepsis and microcirculation, infections, sedation and polyneuromyopathy in ICU.

**Torbjørn OMLAND,** *Lorenskog, Norway*  
Torbjørn Omland, MD, PhD, MPH, received his MD and PhD degrees from the University of Bergen. Dr Omland has worked as a postdoctoral fellow at the Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School in Boston, and has also received a Master of Public Health degree from Harvard School of Public Health. Dr Omland is currently Professor of Medicine at the University of Oslo and a consultant cardiologist at Akershus University Hospital. His research interests include biomarkers and risk stratification of patients with heart failure and acute coronary syndromes. Dr Omland is the author of numerous scientific papers, review papers and book chapters, including articles in *Circulation*, *Journal of the American College of Cardiology*, *The Lancet*, and *The New England Journal of Medicine*.

**John PARISSIS,** *Athens, Greece*  
John Parissis is born in Nefpaktos, Greece in 1965. Clinical cardiologist. He is working in the Heart Failure Clinic in the Attikon General Hospital, University of Athens. Chairman of the Hellenic Working Group on Heart Failure, Fellow of the European Society of Cardiology, and member of the Working Groups of European Society of Cardiology on Heart Failure, Acute Cardiac Care and Cellular Biology of the Heart. Important research activity regarding the role of inflammation and various anti-apoptotic/anti-cytokine therapies in heart failure (Young Investigator Award of Japanese Society of Applied Physiology, 3 awards of Hellenic Society of Cardiology. One award of American Heart Association 2006). Over 70 publications in peer-reviewed international Journals (*Journal of ACC*, *American Journal of Cardiology*, *Heart*, *American Heart Journal*, *European Heart Journal*, *Cardiovascular Research*, *Clinical Chemistry*, *International Journal of Cardiology*, etc.), over 30 publications in *Hellenic Journal of Cardiology*, many chapters in *Cardiological Books*, and over 200 abstracts in important scientific meetings (AHA Scientific Sessions, ACC Scientific Meetings, Annual Congress of ESC, Heart Failure of ESC, etc.). Reviewer in many international Journals (*Circulation*, *American Journal of Cardiology*, *European Heart Journal*, *European Journal of Heart Failure*, *International Journal of Cardiology*, *American Journal of Cardiovascular Drugs*, *Expert Opinion on Investigational Drugs*, *European Cytokine Network*) and abstract grader in annual congress of European Society of Cardiology.

# FACULTY RESUMÉ

## AND DECLARATION OF POTENTIAL CONFLICT OF INTERESTS

**Jan POELAERT,**  
*Brussels, Belgium*

Jan Poelaert is a professor of anaesthesiology and perioperative medicine at Free University and the University Hospital of Brussels (Flemish), Belgium. He was educated at the Ghent University, Gent, Belgium, and then training in anaesthesiology in Aalst, Belgium and in critical care medicine at the University Hospital of Amsterdam, the Netherlands. He was visiting professor in the Marie-Lannelongue hospital, Paris, France and the University Hospital of Münster, Germany.

Research interests relate to echocardiography and myocardial function, with emphasis on the hemodynamics in septic shock. Clinical interests include perioperative hemodynamical management. Clinical investigations include assessment of effects of improved hemodynamics on postoperative outcome, improved outcome with reduction of pulmonary infections and the value of newer technology hemodynamic monitoring

**Marco RANIERI,**  
*Turin, Italy*

Marco Ranieri is born in Bari, July 20th, 1959; Degree in medicine and surgery with full marks and honors (1985, University of Bari); specialist in Anaesthesia and Intensive Care (1988, University of Bari). Research Fellow Meakins-Christie Laboratories, McGill Laboratories, McGill University, Montreal (1988-1990); Assistant professor of Medicine, Department of Anaesthesia and Intensive Care Medicine, University of Bari (1992-2000); Visiting Professor, University of Toronto (1998-1999); Associate Professor, Anaesthesia and Intensive Care, University of Pisa (2000-2001); Professor of Anaesthesia and Intensive Care, University of Turin (November 2001). Chairman of the Dept. of Anaesthesia and Intensive Care Medicine, University of Turin, S. Giovanni Battista-Molinette Hospital. ESICM President.

**Andrew RHODES,**  
*London,  
United Kingdom*

Andrew Rhodes has been a consultant in Anaesthesia and Intensive Care at St George's Hospital, University of London since 1999. He was chair of the Section on Cardiovascular Dynamics for ESICM from 1999 to 2005. He is currently the chair of the Division of Scientific Affairs for ESICM (2005 to present) and sits on the society's executive committee. He has been chair of two previous summer schools (Nice 2003 and New York 2005) and is the co-chair of this meeting. He has published a number of original research articles and book chapters relating to his research interests in haemodynamics, monitoring, goal directed therapy and prognostic factors for critically ill patients. He is editor of Clinical Intensive Care and is on the editorial advisory boards of Intensive Care Medicine, acute cardiac care and the international journal of critical care.

**Joseph ROGERS,**  
*Durham, USA*

Joseph Rogers is an Associate Professor of Medicine in the Division of Cardiovascular Diseases at Duke University. He is the Director of the Heart Failure Program at Duke. He obtained his medical degree from the University of Nebraska and completed his Cardiology training at Washington University in St Louis, Missouri. His primary clinical interests are in the management of patients with advanced heart failure requiring mechanical circulatory support and cardiac transplantation. His research interests include the evaluation of mechanical support devices for cardiogenic shock, secondary mitral regurgitation, and the evaluation of novel pharmacotherapies for heart failure.

**Andrew SHAW,**  
*Durham, USA*

Andrew Shaw is an Associate Professor of Anesthesiology at Duke University Medical Center. He is a Fellow of the Royal College of Anaesthetists (UK) and a Fellow of the American College of Critical Care Medicine. He has practiced cardiothoracic anesthesiology and critical care medicine for more than 10 years in the UK and USA, and has authored a major textbook and more than 40 original papers. He currently runs the iPEGASUS initiative, an international surgical outcomes consortium focused on genetics and genomics in perioperative medicine. His clinical practice is anesthesia and critical care medicine for cardiothoracic surgical patients. His translational research interests include the role of genetic variation in persistent pain after thoracic surgery and in acute kidney injury after cardiac surgery; his clinical research interests include observational and interventional trials of candidate interventions to prevent and treat adverse outcomes following cardiothoracic surgery.

**Miguel TAVARES,**  
*Porto, Portugal*

Miguel Tavares was born in Lisbon, Portugal in 1960. He is a Critical Care Attending physician working in Porto, Portugal. Qualified from the Faculdade de Medicina do Porto, Portugal. Board-certified in Internal Medicine, Intensive Care Medicine, and Emergency Medicine. Postgraduate activities include the European Diploma in Intensive Care Medicine by the European Society of Intensive Care Medicine (2001), Postgraduate training in Epidemiology and Methodology in Paris, France (2007). He is dedicated in training students and fellows in intensive care. Research interests relate to acute circulatory failure, hemodynamic monitoring, acute heart failure and evaluation of novel pharmacotherapies for heart failure.

**Wolfgang TOLLER,**  
*Graz, Austria*

Wolfgang G Toller is Associate Professor of Anesthesiology at the Department of Anesthesiology, Medical University of Graz, Austria. In 1998 he was awarded the Max Kade Scholarship and spent 2 years in the Department of Anesthesiology (Cardiovascular Research) at the Medical College of Wisconsin, Milwaukee, USA. Since 2002 he is interim head of the Department of Cardiovascular Anesthesiology at the Medical University of Graz. In addition to cardiovascular and thoracic anesthesiology, his department is also responsible for a 14-bed cardiovascular ICU with adult patients post cardiac and aortic surgery, adult patients post heart and liver transplantation and pediatric patients post cardiac surgery. Since the approval in 2001, levosimendan was used in his department about 550 times, mainly in the ICU but also in the OR. Dr. Toller's research interests include the effects of anesthetics and inotropic agents during myocardial ischemia and he has published 19 articles in peer-reviewed journals, very recently an extensive review on Levosimendan in the journal "Anesthesiology" where Prof. Toller is also working as ad hoc reviewer.

# FACULTY RESUMÉ AND DECLARATION OF POTENTIAL CONFLICT OF INTERESTS

**Antoine VIEILLARD-BARON,**  
*Boulogne, France*

Antoine Vieillard-Baron is intensivist since 1996 and is working in the intensive care medicine department of the Ambroise Paré university hospital, Boulogne, France, under the direction of Prof. François Jardin. He has been professor since 2003. His experimental research is in the field of pulmonary hypertension and especially pulmonary vascular remodeling in acute conditions such as in hypoxia. His clinical research is especially in the fields of haemodynamic monitoring using echocardiography, but also optimization of ventilation in patients with ARDS and assessment of cardiac function in septic shock. The main distinctive feature of his department is that they have stopped any use of pulmonary artery catheter for over 15 years and haemodynamics is exclusively monitored using echocardiography and invasive arterial pressure. Finally, he is very involved in the education of intensivists in the use of echocardiography in France and in Europe.

**Gorazd VOGA,**  
*Celje, Slovenia*

Gorazd Voga is born on 16. 7. 1953 in Celje, Slovenia. Medical Faculty in Ljubljana, Slovenia 1976. Postgraduate education in General Hospital Celje, Clinical Center Ljubljana, postgraduate study in Zagreb, Croatia, postgraduate education in Bad Krozingen, Germany. Specialist of internal medicine, EDIC. Masters degree in Zagreb, Croatia, PhD in Ljubljana, Slovenia. Former member of the ESICM Council and Executive Committee and President of the Slovenian Society on Intensive Care Medicine (SSIM). Actual Head of the Medical ICU in General Hospital Celje, President of the standing Scientific Committee of the SSIM. Main interest on invasive and noninvasive hemodynamic assessment, acute heart failure and sepsis.

The ESICM Society wishes to ensure that all those who participate in the Society's professional, administrative, scientific and educational activities, including speakers and chairpersons at the Summer Conference, have the opportunity to declare any interest they may have which could influence, or might be perceived to influence, their judgement and behaviour.

Competing interests may arise from academic, financial, or professional activities and ambitions. These are inevitable and in many instances do not adversely affect behaviour.

Similarly, research and educational relationships with industry are desirable and essential for progress in health care. However, these tensions and relationships provide opportunities for abuse and inappropriate influence.

Faculty disclosures are listed below as of 21 April 2008.

The asterisk (\*) indicates that no disclosure has been reported

**Maria Rosa COSTANZO**  
Naperville, USA  
*Consultant, Speaker:* CHF Solutions  
*Speaker:* Medtronic, SCIOS

**Gerasimos FILIPPATOS**  
Athens, Greece  
*Research support:* Abbott

**Ferenc FOLLATH**  
Zurich, Switzerland  
*Lectures & Advisory Board:* Abbott  
*Lecture fees:* Abbott  
*Honoraria for lectures:* Abbott USA  
*Honoraria for lectures:* Abbott

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**Elias ILIADIS\***  
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**Alexandre MEBAZAA**  
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**Rui Paulo MORENO\***  
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**Serafeim NANAS\***  
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*Speakers' honoraria:* Roche Diagnostics, Abbott Laboratories  
*Research support:* Roche Diagnostics, Abbott Laboratories

**John PARISSIS\***  
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**Jan POELAERT\***  
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*Research grants:* Tyco, Draeger, Hamilton, Hemodec  
*PI Prowness Shock Trial:* Eli Lilly

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*Consultant:* Edwards Lifesciences  
*Lecture fees:* LiDCO

**Joseph ROGERS\***  
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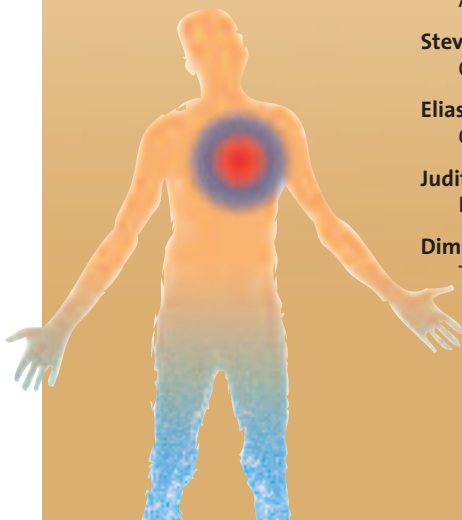
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Durham, USA  
*DSMB member - phase 1 renal failure drug:* Quark Pharma  
*Stock options:* Scivanta Medical

**Miguel TAVARES\***  
Porto, Portugal

**Wolfgang TOLLER**  
Graz, Austria  
*Speaker fees:* Abbott

**Antoine VIEILLARD-BARON\***  
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