



# Pulmonary hypertension Bologna 2018

HORIZON 2020 AND BEYOND:  
NEW CLASSES OF DRUGS  
OR NEW TREATMENT STRATEGIES?

ROYAL HOTEL CARLTON • *Bologna, Italy*

November 23 • 24, 2018

With the endorsement of



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI MEDICINA SPECIALISTICA,  
DIAGNOSTICA E SPERIMENTALE

POLICLINICO DI  
**SANT'ORSOLA**

SERVIZIO SANITARIO REGIONALE  
EMILIA-ROMAGNA  
Azienda Ospedaliero - Universitaria di Bologna

**PHA EUROPE**  
European pulmonary hypertension association

**AIPI**  
ASSOCIAZIONE ITALIANA IPERTENSIONE POLMONARE  
PULMONARY HYPERTENSION SOCIETY

# Friday, November 23

13:30 – 14:00

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Introduction and presentation  
of the meeting objectives

*N. Galiè*

14:00 – 16:00

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**NEW CLASSES OF PAH DRUGS  
ON THE HORIZON**

*Chairs: N. Galiè, M. Humbert*

Any suggestions from PH pathology?

*P. Dorfmueller*

Any insights from PH pathobiology?

*M. Humbert*

Any insights from genetics?

*N.W. Morrell*

The clinical development plan for a new  
class of drugs in PAH

*G. Simonneau*

16:00 – 16:30

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*Coffee break*

16:30 – 18:30

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**NEW TREATMENT STRATEGIES  
ON THE HORIZON**

*Chairs: G. Simonneau, A. Torbicki*

Comparative evaluation of risk  
stratification strategies in PAH

*A. Boucly*

Results of low-risk oriented sequential  
combination therapy

*F. Dardi*

Double or triple initial combination therapy  
in PAH?

*O. Sitbon*

The horizon for the PAH treatment  
algorithm

*N. Galiè*

18:30 – 18:45

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Summary of the day

*N. Galiè*

**P**  
ulmonary  
hypertension  
Bologna 2018

# Saturday, November 24

09:00 – 10:30

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## ANY NEWS FROM OTHER CLINICAL GROUPS?

*Chairs: O. Sitbon, J.L. Vachiéry*

**Pulmonary hypertension in children**

*M. Beghetti*

**Left heart disease**

*J.L. Vachiéry*

**Lung disease**

*S.P. Gaine*

10:30 – 10:45

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*Coffee break*

10:45 – 12:00

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## WHAT IS THE HORIZON FOR INTERVENTIONS?

*Chairs: D.P. Jenkins, D. Pacini*

**Balloon pulmonary angioplasty in CTEPH**

*M. Palazzini*

**Pulmonary endarterectomy**

*D.P. Jenkins*

**Pulmonary artery ablation**

*A. Rothman*

12:00 – 13:45

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## THE CLINICAL CASES

*Chairs: A.M. Aldalaan, A. Manes*

**Case # 1 – A PAH low-risk case**

*E. Zuffa*

**Case # 2 – A PAH intermediate-risk case**

*A. Rinaldi*

**Case # 3 – A PAH high-risk case**

*S. Orfanos*

**Case # 4 – CTEPH decision making**

*E. Gotti*

**Case # 5 – PH due to congenital heart disease**

*H. Sakkijha*

**Case # 6 – PH due to connective tissue disease**

*H. Sabbour*

13:45 – 13:50

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**Summary of the day and conclusions**

*N. Galie*

13:50 – 14:45

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*Lunch*

**Abdullah Mohsin Aldalaan**

Department of Medicine  
King Faisal Specialist Hospital  
& Research Center  
Riyadh, Saudi Arabia

**Maurice Beghetti**

Centre Universitaire de Cardiologie  
et Chirurgie Cardiaque Pédiatrique,  
HUG-CHUV

Children's University Hospital  
Geneva, Switzerland

**Athénaïs Boucly**

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Bicêtre Hospital  
Le Kremlin Bicêtre, France

**Fabio Dardi**

Department of Experimental,  
Diagnostic and Specialty Medicine  
DIMES - Alma Mater Studiorum  
University of Bologna  
Bologna, Italy

**Peter Dorfmueller**

Department of Pathology and  
German Centre for Lung Research (DZL)  
University Hospital Giessen and Marburg  
Giessen, Germany

**Sean Patrick Gaine**

National Pulmonary  
Hypertension Unit  
Mater Misericordiae University Hospital  
Dublin, Ireland

**Nazzareno Galie**

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**Enrico Gotti**

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**Marc Humbert**

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**David P. Jenkins**

Department of Cardiothoracic Surgery  
Royal Papworth Hospital  
Cambridge, United Kingdom

**Alessandra Manes**

Department of Experimental,  
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**Nicholas W. Morrell**

Cambridge BHF Centre for  
Cardiovascular Research Excellence  
University of Cambridge School of  
Clinical Medicine  
Department of Medicine  
Cambridge, United Kingdom

**Stylianou Orfanos**

2<sup>nd</sup> Department of Critical Care &  
Pulmonary Hypertension  
Clinic Attikon Hospital  
University of Athens Medical School  
Athens, Greece

**Davide Pacini**

Department of Experimental,  
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**Massimiliano Palazzini**

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**Andrea Rinaldi**

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University of Bologna  
Bologna, Italy

**Alex Rothman**

Sheffield Teaching Hospitals NHS  
Trust and Department of Infection,  
Immunity & Cardiovascular Disease  
University of Sheffield  
Sheffield, United Kingdom

**Hani Sabbour**

Shaikh Khalifa Medical City  
Abu Dhabi UAE  
Brown University Warren Alpert  
Medical School  
Providence RI, USA

**Hussam Sakkijha**

King Fahad Medical City  
Riyadh, Saudi Arabia

**Gérald Simonneau**

Department of Pneumology and ICU  
National Reference Center for  
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**Olivier Sitbon**

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Bicêtre Hospital  
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**Adam Torbicki**

Department of Pulmonary Circulation  
and Thromboembolic Diseases  
Center of Postgraduate Medical  
Education based at the European  
Health Center  
Otwock, Poland

**Jean Luc Vachiéry**

University Clinic of Brussels  
Erasmee Hospital  
Brussels, Belgium

**Elisa Zuffa**

Department of Experimental,  
Diagnostic and Specialty Medicine  
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University of Bologna  
Bologna, Italy

## Congress Venue

ROYAL HOTEL CARLTON  
Via Montebello 8 - BOLOGNA, ITALY

## Italian Cme Credits

Italian CME credits have been requested.  
Provider Italian CME Credits  
I&C srl PROVIDER: 5387  
ID CME ITALIAN CREDITS: 5387- 241195  
CME CREDITS: **n. 6,3**

I&C srl is responsible for the content, the quality and the ethical honesty of the CME activity.

The meeting is accredited for physicians.

Disciplines: Internal Medicine, Cardiology, Diseases Respiratory System, Rheumatology, Cardio Surgery, Thoracic Surgery, Vascular Surgery, General Surgery, Anesthesia and Resuscitation, General Medicine, Allergology and Clinical Immunology, Sport Medicine, Radiodiagnosics.

The physicians belonging to other disciplines will not get the credits.

The attendance to the meeting is partially on sponsor companies invitation.

## METHODOLOGY

Residential

## COURSE OBJECTIVES

Clinical, Diagnostic, Therapy, Treatment Path

## LEARNING TEST

In order to obtain CME credits, it is mandatory for participants to attend 90% of the course (both days) and to complete CME procedures online: CME test (multiple choice questions, minimum score 75%), learners' feedback form and educational needs form. Instructions will be provided on site.

## Eaccme Credits



Event code: 1298

The PULMONARY HYPERTENSION BOLOGNA 2018 - HORIZON 2020 AND BEYOND: NEW CLASSES OF DRUGS OR NEW TREATMENT STRATEGIES, Bologna, Italy, 23/11/2018-

24/11/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 8 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits TM. Information on the process to convert EACCME® credit to AMA credit can be found at [www.ama-assn.org/education/earn-credit-participation-international-activities](http://www.ama-assn.org/education/earn-credit-participation-international-activities).

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

EACCME® credits

Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation at the event once he/she has completed the feedback form. Cf. criteria 9 and 23 of UEMS 2016.20.

In order to help you issue individual certificates to each participants, please find below the breakdown of ECMEC®s per day:

23.11.2018 - 4,00

24.11.2018 - 4,00

The EACCME® awards ECMEC®s on the basis of 1 ECMEC® for one hour of CME with a maximum of 8 ECMEC®s per day. Cf. Chapter X of UEMS 2016.20.

European CME credits have been requested for the following disciplines: Internal Medicine, Cardiology, Diseases Respiratory System, Rheumatology, Cardio Surgery, Thoracic Surgery, Vascular Surgery, General Surgery, Anesthesia and Resuscitation, General Medicine, Allergology and Clinical Immunology, Sport Medicine, Radiodiagnosics.

## *Scientific Secretariat*

**Prof. Nazzareno Galie`**

Director of the Course

**Dr. Alessandra Manes**

**Dr. Massimiliano Palazzini**

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## *Organizing Secretariat*



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