

**25<sup>TH</sup>** INTERNATIONAL  
SYMPOSIUM  
ON INFECTIONS  
IN THE CRITICALLY  
ILL PATIENT

25<sup>TH</sup> ANNIVERSARY

13th-14th February - BARCELONA 2020

## Description

The aim of this two-day symposium is to review current concepts, technology and present advances in infections in critically ill patients.

Sepsis, Pulmonary Infections, Basic Research, Pulmonary Infections Treatment and Prophylaxis Therapy of severe infections will be the topics of the main sessions presented by experts who will review and update the new advances on infections in the critically ill patient. At the end of each session a Clinical Controversy, Pannel Discussion or Case Report Discussion will be organized.

## Organized by

### Antonio Artigas, MD

Corporación Sanitaria Universitaria Parc Taulí, CIBER Enfermedades Respiratorias, Autonomous University of Barcelona. Intensive Care Department, University Hospital Sagrado-Corazón - General de Cataluña, Quirón Salud.

### Jean Carlet, MD

World Alliance Against Antibiotic Resistance (WAAAR), France

### Ricard Ferrer, MD

Intestive Care Medicine Department, Vall d'Hebron University Hospital, Barcelona, Spain

### Michael Niederman, MD

Division of Pulmonary and Critical Care Medicine, New York Presbyterian Hospital, Weill Cornell Medical College, USA

### Antoni Torres, MD

Pulmonology Department, Clinic Hospital of Barcelona, CIBER Enfermedades Respiratorias, Barcelona, Spain

## Advisory Board

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## List of Speakers

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**R. Guillaumat, MD**  
Sabadell, Spain

**O. Hamzaoui, MD**  
Paris, France

**T. Welte, MD**  
Hannover, Germany

**J. Laffey, MD**  
Paris, France

**C. Martin, MD**  
Gallway, Ireland

**I. Martin-Loeches, MD**  
Dublin, Ireland

**X. Monnet, MD**  
Paris, France

**M. Niederman, MD**  
New York, USA

**S. Nseir, MD**  
Lille, France

**J.A. Paiva, MD**  
Porto, Portugal

**P. Pickkers, MD**  
Nijmegen, The Netherlands

**P. Povoas, MD**  
Lisboa, Portugal

**J. Pugin, MD**  
Gèneve, Switzerland

**M. Schultz, MD**  
Amsterdam, The Netherlands

**J.L. Teboul, MD**  
Paris, France

**J.F. Timsit, MD**  
Paris, France

**A. Torres, MD**  
Barcelona, Spain

**J.L. Vincent, MD**  
Brussels, Belgium



## Scientific Programme

## Thursday, February 13th, 2020

08:00	Registration
08:45	Opening Session: 25th Anniversary A. Artigas, MD (Sabadell, Spain) J. Carlet, MD (Paris, France) R. Ferrer, MD (Barcelona, Spain) M. Niederman, MD (New York, USA) A. Torres, MD (Barcelona, Spain)
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<b>I. SEPSIS:</b>	
<b>Moderators:</b> A. Artigas, MD (Sabadell, Spain) H. Gerlach, MD (Berlin, Germany)	
09:00	How 25 Years of Research Change my Practice in Sepsis? J.L. Vincent, MD (Brussels, Belgium)
09:20	Big data for Critical Infectious Diseases M. Antonelli, MD (Rome, Italy)
09:40	Are Sepsis Outcomes Predetermined? R. Ferrer, MD (Barcelona, Spain)
10:00	We Must Act Before the Hospital Admission H. Gerlach, MD (Berlin, Germany)
10:20	Discussion
10:30	<b>Coffee-Break (Exhibition Area &amp; Poster Discussion)</b>

## II. FLUID THERAPY AND VASSOPRESSORS:

<b>Moderators:</b> J.L. Teboul, MD (Paris, France) D. De Backer, MD (Brussels, Belgium)	
11:00	Current Use of Vasopressors in Septic Shock O. Hamzaoui, MD (Paris, France)
11:20	End-Points of Hemodynamic Resuscitation: What to Choose? X. Monnet, MD (Paris, France)
11:40	Albumin Fluid Resuscitation In Patients With Septic Shock A. Artigas, MD (Sabadell, Spain)
12:00	When and How To Descalate Fluid and Vasopressor Therapy? C. Martin, MD (Marseille, France)
12:20	Non-Invasive Hemodynamic Monitoring Methods: Time to Replace Invasive Ones in Septic Shock? D. De Backer, MD (Brussels, Belgium)
12:40	Discussion
12:50	<b>Debate: Early vs Delayed Norepinephrine Administration in Septic Shock?</b> Moderator: A. Artigas, MD (Sabadell, Spain) Pro: J.L. Teboul, MD (Paris, France) Con: C. Martin, MD (Marseille, France)
13:30	<b>Lunch</b>

### III. PERSONALIZE SEPSIS CARE

**Moderators:** R. Ferrer, MD (Barcelona, Spain)  
M. Schultz, MD (Amsterdam, The Netherlands)

- 14:30 Is Sepsis So Heterogeneous?  
J.L. Vincent, MD (Brussels, Belgium)
- 14:50 Artificial Intelligence for Sepsis and Septic Shock:  
Still a Dream?  
C. Martin, MD (Marseille, France)
- 15:10 Sepsis Phenotypes and Endotypes: The Way Forward?  
T. Calandra, MD (Lausanne, Switzerland)
- 15:30 CRP and Albumin Kinetics in CA-BSI  
P. Povoas, MD (Lisboa, Portugal)
- 15:50 Discussion
- 16:00 **Coffee- Break (Exhibition Area)**

### IV. NEW THERAPIES IN SEPSIS

**Moderators:** T. Calandra, MD (Lausanne, Switzerland)  
R. Guillaumat, MD (Sabadell, Spain)

- 16:30 Extracorporeal Pathogen and Endotoxin Elimination  
Is The Horizon?  
M. Antonelli, MD (Rome, Italy)
- 16:50 Immune Profile in Sepsis  
TBC
- 17:10 The Adrenomedullin Antibody  
P. Pickkers, MD (Nijmegen, The Netherlands)
- 17:30 Cell Therapies in Sepsis: New Insights  
J. Laffey, MD (Galway, Ireland)

## Friday 14th February, 2020

08:30 How I Managed Pulmonary Infections 25 Years Ago and How I Am Doing Now?  
M. Niederman, MD (New York, USA)

### V. SEVERE PULMONARY INFECTIONS

**Moderators:** A. Torres, MD (Barcelona, Spain)  
J. Chastre, MD (Paris, France)

08:50 HAP In Non-Ventilated Patients  
M. Ferrer, MD (Barcelona, Spain)

09:10 Identification of Respiratory Microbiota Markers in VAP  
M. Schultz, MD (Amsterdam, the Netherlands)

09:30 Phenotyping SCAP For Antibiotic and Non-Antibiotic Therapies and Prognosis  
A. Torres, MD (Barcelona, Spain)

09:50 Hyperoxemia as a Risk Factor for VAP  
S. Nseir, MD (Lille, France)

10:10 Role of Endotracheal Tube Biofilm in VAP  
L. Fernández, MD (Barcelona, Spain)

10:30 Aspiration Pneumonia  
M. Niederman, MD (New York, USA)

10:50 Discussion

11:00 **Debate: Too Much of Good Thing:  
Early Antibiotic Therapy In Sepsis**  
Moderator: I. Martin-Loeches, MD (Dublin, Ireland)  
Pro: R. Ferrer, MD (Barcelona, Spain)  
Con: J.F. Timsit, MD (Paris, France)

11:40 **Coffee-Break (Exhibition Area & Poster Discussion)**

### VI. DIAGNOSTIC TOOLS IN PULMONARY INFECTION AND SEPSIS

**Moderators:** M. Ferrer, MD (Barcelona, Spain)  
P. Pova, MD (Lisboa, Portugal)

12:10 New Diagnostic Approaches for VAP  
J. Chastre, MD (Paris, France)

12:30 Progress in Early Pathogen Identification  
E. Bouza, MD (Madrid, Spain)

12:50 How Biomarkers Can Help in SCAP and Sepsis  
J. Pugin, MD (Genève, Switzerland)

13:10 **Lunch**

VII. OPTIMIZING ANTIMICROBIAL THERAPY and PREVENTION

**Moderators:** M. Niederman, MD (New York, USA)  
J. Carlet, MD (Paris, France)

- 14:10 Prevention of VAP: How We Made Progress?  
(The Antarctic Study)  
B. François, MD (Limoges, France)
- 14:30 Challenges To Antibiotic Stewardship  
J.F. Timsit, MD (Paris, France)
- 14:50 Consensus Statement On Antimicrobial De-Escalation  
In Critically Ill Patients  
J. Garnacho, MD (Sevilla, Spain)
- 15:10 Task Force On Practical Management of Invasive  
Candidiasis in Critically Ill Patients  
I. Martin-Loeches, MD (Dublin, Ireland)
- 15:30 Empirical Antifungal Therapy in the ICU:  
Time To Revisit  
T. Calandra, MD (Lausanne, Switzerland)
- 15:50 Optimal Treatment of Carbapenem Resistant  
Enterobacteriales Bacteremia  
J.A. Paiva, MD (Porto, Portugal)
- 16:10 New Antibiotics in Sever CAP  
A. Torres, MD (Barcelona, Spain)
- 16:30 Policy To Combat Antibiotic Resistance  
J. Carlet, MD (Paris, France)
- 16:50 **Closing Remarks**

Registration Form

**Dates:** February, 13th-14th, 2020

## Symposium Technical Secretariat

## Conference Centre

### Mccann

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08018, Barcelona, SPAIN  
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### Paraninfo - Faculty of Medicine

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Members	<input type="checkbox"/> 350 Euros	<input type="checkbox"/> 400 Euros
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