



## Description

The aim of this two days symposium is to review current concepts, technology and present advances in infections in the 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

Critical Care Center, Sabadell Hospital, University Institute Parc Taulí, Autonomous University of Barcelona, Ciberes, Spain

### Jean Carlet, MD

Direction de l'Amélioration de la Qualité et de la Sécurité des Soins, Paris, France

### Michael Niederman, MD

Division of Pulmonary & Critical Care Medicine, Winthrop University Hospital, Mineola, New York, USA

### Antoni Torres, MD

Pulmonology Department, Clinic Hospital of Barcelona, Ciberes, Spain

## Advisory Board

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Geneva, Switzerland

**JA. Paiva, MD**  
Porto, Portugal

## List of Speakers

**S. Aliberti, MD**  
Monza, Italy

**M. Antonelli, MD**  
Rome, Italy

**A. Artigas, MD**  
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Barcelona, Spain

**J. Garnacho, MD**  
Sevilla, Spain

**H. Gerlach, MD**  
Berlin, Germany

**R. Guillamat, MD**  
Sabadell, Spain

**C. Ince, MD**  
Amsterdam, Netherlands

**J. Kellum, MD**  
Pittsburg, USA

**M. Leone, MD**  
Marseille, France

**GL. Li Bassi, MD**  
Barcelona, Spain

**JA. Lorente, MD**  
Getafe, Spain

**C. Martin, MD**  
Marseille, France

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

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

**M. Niederman, MD**  
Mineola, USA

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

**JA. Paiva, MD**  
Oporto, Portugal

**D. Payen, MD**  
Paris, France

**P. Povoas, MD**  
Lisbon, Portugal

**J. Pugin, MD**  
Geneva, Switzerland

**P. Ramirez, MD**  
Valencia, Spain

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

**M. Singer, MD**  
London, UK

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

**JL. Vincent, MD**  
Brussels, Belgium

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

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*The Intensive Connection*



## Scientific Program

Friday, February 12<sup>th</sup>, 2016

10:00 Introduction  
A. Artigas, MD (Sabadell, Spain)  
J. Carlet, MD (Paris, France)  
M. Niederman, MD (New York, USA)  
A. Torres, MD (Barcelona, Spain)

## I. SEPSIS

*Supported an Educational Grant by* **GRIFOLS**

**Moderators:** A. Artigas, MD (Sabadell, Spain)  
D. Payen, MD (Paris, France)

10:10 Cardiac dysfunction in severe sepsis  
M. Cecconi, MD (London, UK)

10:40 Bolus fluid resuscitation in severe sepsis  
X. Monnet, MD (Paris, France)

11:00 Is SIRS dead? New definition of sepsis  
M. Singer, MD (London, UK)

11:20 The elderly patients admitted to the ICU with sepsis  
R. Curtis, MD (Seattle, USA)

11:40 Dropping mortality in sepsis and its impact  
on clinical trials  
R. Ferrer, MD (Barcelona, Spain)

12:00 **Break**

12:30 **Debate:** It is unethical to do more clinical trials in sepsis?

**Moderator:** M. Singer, MD (London, UK)  
Pro: R. Curtis, MD (Seattle, USA)  
Con: J.L. Vincent, MD (Brussels, Belgium)

## Satellite Symposium

13:00-14:00

### FLUIDS IN SEPSIS

**Moderator:** C. Martin, MD (Marseille, France)

13:00 Should we ban balanced fluids until we have good  
evidence that is safe (to prevent fluid debacle)?  
**M. Schultz, MD** (Amsterdam, The Netherlands)

13:20 Volume status and fluid resuscitation what's  
the solution?  
**J.L. Vincent, MD** (Brussels, Belgium)

13:40 Discussion

## II. FROM THE PHYSIOPATHOLOGY TO THE BEDSIDE

- Moderators:** H. Gerlach, MD (Berlin, Germany)  
J. Pugin, MD (Genève, Switzerland)
- 14:00 Clinical evidence of cell metabolic abnormalities in sepsis: myth or reality  
M. Singer, MD (London, UK)
- 14:20 The impact of proteomics and metabolomics for search of biomarkers in severe infections  
JA. Lorente, MD (Getafe, Spain)
- 14:40 Should we measure blood immunoglobulin level?  
I. Martín-Loeches, MD (Dublin, Ireland)
- 15:00 Sepsis-induced organ failure: what can we learn from histology?  
R. Herrero, MD (Getafe, Spain)
- 15:20 Stem cells in sepsis and acute lung injury: A new horizon  
R. Guíllamat, MD (Sabadell, Spain)
- 15:40 How fluids influence the host response  
D. Payen, MD (Paris, France)
- 16:00 **Break**
- 16:30 AKI in severe sepsis  
J. Kellum, MD (Pittsburgh, USA)
- 16:50 Regional vs systemic hemodynamics in severe sepsis  
C. Ince, MD (Amsterdam, Netherlands)
- 17:10 New therapeutic strategies in severe sepsis and septic shock  
JL. Vincent, MD (Brussels, Belgium)

## Satellite Symposium

17:30-18:20



### EXTRACORPOREAL THERAPIES IN SEVERE SEPSIS

**Moderator:** A.Artigas, MD (Sabadell, Spain)

- 17:30 Absorption or filtration?  
J. Kellum, MD (Pittsburgh, USA)
- 17:50 Polymixin B hemoperfusion: a therapy for septic shock?  
M. Antonelli, MD (Rome, Italy)
- 18:10 Discussion

Saturday, February 13<sup>th</sup>, 2016

## III. PULMONARY INFECTIONS

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

- 09:00 The lung response to acute and repeated bacterial challenge  
M. Schultz, MD (Amsterdam, Netherlands)
- 09:20 The lung microbionics: New frontiers?  
T. Calandra, MD (Lausanne, Switzerland)
- 09:40 Corticosteroids in severe CAP: what is next  
A. Torres, MD (Barcelona, Spain)
- 10:00 Control of endotracheal tube cuff pressure  
S. Nseir, MD (Lille, France)
- 10:20 VAP Gravity Trial  
G.L. Li Bassi, MD (Barcelona, Spain)
- 10:40 Prevention of nosocomial pneumonia: Does one size fit all?  
M. Antonelli, MD (Rome, Italy)
- 11:00 Breathomics to diagnose VAP  
L. Bos, MD (Amsterdam, Netherlands)
- 11:20 Biomarkers in the assessment of VAP response to antibiotics  
P. Povoas, MD (Lisboa, Portugal)
- 11:40 Choosing the right moment to start antibiotic treatment in VAP  
P. Ramirez, MD (Valencia, Spain)
- 12:00 **Break**
- 12:30 **Debate:** Treatment is needed for ventilator-associated bronchitis  
  
Moderator: I. Martín-Loeches (Dublin, Ireland)  
Pro: S. Nseir, MD (Lille, France)  
Con: J. Chastre, MD (Paris, France)

## Satellite Symposium

13:00-14:00

### MULTIRESISTANT DRUG MICROORGANISMS INFECTIONS

**Moderator:** M. Niederman, MD (New York, USA)

13:00 MRSA Management: The GLIMP study  
S. Aliberti, MD (Monza, Italy)

13:20 How to treat multiresistant pseudomonas  
J. Garnacho, MD (Sevilla, Spain)

13:40 Carbapenemase producing enterobacteria  
M. Bassetti, MD (Udine, Italy)

## IV. TREATMENT AND PROPHYLAXIS

**Moderators:** J. Carlet, MD (Paris, France)  
JA. Paiva, MD (Oporto, Portugal)

- 14:00 Can VAP be used as a quality indicator?  
M. Niederman, MD (New York, USA)
- 14:20 SOD, SDD, or something else, everywhere, or only in HIC?  
M. Schultz, MD (Amsterdam, Netherlands)
- 14:40 Pneumococcal conjugated PCV13 vaccine  
(The CAPITA study)  
A. Torres, MD (Barcelona, Spain)
- 15:00 Pentaglobulin in severe CAP (The CIGMA Trial)  
T. Welte, MD (Hannover, Germany)
- 15:20 Meropenem vs Colistine in VAP: a multicenter study  
M. Antonelli, MD (Rome, Italy)
- 15:40 **Debate:** De-escalation of empirical antibiotic therapy for all?  
  
**Moderator:** M. Ferrer, MD (Barcelona, Spain)  
Pro: J. Garnacho, MD (Sevilla, Spain)  
Con: M. Leone, MD (Marseille, France)
- 16:10 New antimicrobial utilization strategies in the ICU  
M. Niederman, MD (New York, USA)
- 16:30 Physicians and industry: the broader implications  
R. Curtis, MD (Seattle, USA)
- 16:50 Closing Remarks

## Partners

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# General Information

## Dates

February, 12<sup>th</sup>, 13<sup>th</sup> 2016

## Symposium Technical Secretariat

Av. Diagonal, 662-664, 1<sup>o</sup>B  
08034 Barcelona, Spain  
Tel. +34 932 52 04 00  
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## Venue

Hotel Catalonia Barcelona Plaza  
Plaça Espanya, 6-8  
08014 - Barcelona  
Tel. +34 93 426 26 00  
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plaza.convenciones@hotels-catalonia.es

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- Attendance to the Scientific Program and the Comercial Exhibition
- Conference Documents
- Certificate of Attendance
- Coffee Breaks

\*\* A letter signed by the institution responsible is required to get this fee.

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