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

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List of Speakers

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Salamanca, Spain

E. Bouza, MD
Madrid, Spain

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J. Laffey, MD
Galway, Ireland

L. Lechuga, MD
Barcelona, Spain

X. Monnet, MD
Paris, France

A. Motos, MD
Barcelona, Spain

M. Niederman, MD
New York, USA

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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)

I. SEPSIS:

Moderators: 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    Coffee-Break (Exhibition Area & Poster Discussion)

II. FLUID THERAPY AND VASOPRESSORS: GRIFOLS

Moderators: 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?
J.L. Teboul, MD (Paris, 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    Debate: Early vs Delayed Norepinephrine Administration in Septic Shock?
Moderator: A. Artigas, MD (Sabadell, Spain)
Pro: J.L. Teboul, MD (Paris, France)
Con: D. De Backer, MD (Brussels, Belgium)

13:30    Lunch
### 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  
**Rational for Probiotic Therapies as Infections Prevention Measures**  
M. Schultz, MD (Amsterdam, The Netherlands)

15:10  
**Sepsis Phenotypes and Endotypes: The Way Forward?**  
T. Calandra, MD (Lausanne, Switzerland)

15:30  
**CRP and Albumin Kinetics in CA-BSI**  
P. Povoa, MD (Lisboa, Portugal)

15:50  
**Optimization of the Microbiology Laboratory Workflow for a Rapid Diagnosis of Sepsis**  
J. J. González López (Barcelona, Spain)

16:10  
**Discussion**

16:20  
**Coffee-Break (Exhibition Area)**

### IV. NEW THERAPIES IN SEPSIS

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

16:50  
**Extracorporeal Pathogen and Endotoxin Elimination: Is The Horizon?**  
M. Antonelli, MD (Rome, Italy)

17:10  
**Immune Profile in Sepsis**  
J. Bermejo (Salamanca, Spain)

17:30  
**The Adrenomedulin Antibody**  
P. Pickkers, MD (Nijmegen, The Netherlands)

17:50  
**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)

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### V. SEVERE PULMONARY INFECTIONS  

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

08:50  
**Translational From Animal Models of VAP**  
A. Motos, MD (Barcelona, Spain)

09:10  
**European Severe CAP Guidelines: Preliminary Information**  
A. Torres, MD (Barcelona, Spain)

09:30  
**HAP In Non-Ventilated Patients**  
M. Ferrer, 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: J. Carlet, MD (Paris, France)  
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. Povoa, 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 New Sensing Nanodevices for Early Diagnosis of Infections at the Point-of-Care
L. Lechuga, MD (Barcelona, Spain)

13:30 Lunch

VII. OPTIMIZING ANTIMICROBIAL THERAPY and PREVENTION

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

14:30 Prevention of VAP: How We Made Progress?
The Antarctic Study
B. François, MD (Limoges, France)

14:50 Challenges To Antibiotic Stewardship
J.F. Timsit, MD (Paris, France)

15:10 Consensus Statement On Antimicrobial De-Escalation In Critically Ill Patients
J. Garnacho, MD (Sevilla, Spain)

15:30 Empirical Antifungal Therapy in the ICU: Time To Revisit
T. Calandra, MD (Lausanne, Switzerland)

15:50 Optimal Treatment of Carbepenem Resistant Enterobacteriales Bacteriemia
J.A. Paiva, MD (Porto, Portugal)

16:10 New Antibiotics in Severe CAP
A. Torres, MD (Barcelona, Spain)

16:30 Policy To Combat Antibiotic Resistance
J. Carlet, MD (Paris, France)

16:50 Closing Remarks
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