

# **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

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# **List of Speakers**

Sabadell, Spain

ziot di opoundio	
M. Antonelli, MD Rome, Italy	O. Hamzaoui, MD Paris, France
A. Artigas, MD Sabadell, Spain	J. Laffey, MD Gallway, Irland
J. Bermejo, MD Salamanca, Spain	L. Lechuga, MD Barcelona, Spain
E. Bouza, MD Madrid, Spain	X. Monnet, MD Paris, France
T. Calandra, MD Lausanne, Switzerland	A. Motos, MD Barcelona, Spain
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J. Chastre, MD Paris, France	S. Nseir, MD Lille, France
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L. Fernández, MD Barcelona, Spain	P. Pickkers, MD Nijmegen, The Netherlands
M. Ferrer, MD Barcelona, Spain	P. Povoa, MD Lisboa, Portugal
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B. François, MD Limoges, France	M. Schultz, MD Amsterdam, The Netherlands
J. Garnacho, MD Seville, Spain	J.L. Teboul, MD Paris, France
H. Gerlach, MD Amsterdam, The Netherlands	J.F. Timsit, MD Paris, France
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Brussels, Belgium

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The Intensive Connection



**Scientific Programme** 

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# 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
10:25	Coffee-Break (Exhibition Area & Poster Discussion)

# II. FLUID THERAPY AND VASSOPRESSORS: GRIFOLS

Moderators: J.L. Teboul, MD (Paris, France)
D. De Backer, MD (Brussels, Belgium)

10:55	Current Use of Vasopressors in Septic Shock O. Hamzaoui, MD (Paris, France)
11:15	End-Points of Hemodynamic Resuscitation: What to Choose? X. Monnet, MD (Paris, France)
11:35	Albumin Fluid Resuscitation In Patients With Septic Shock A. Artigas, MD (Sabadell, Spain)
11:55	When and How To Descalate Fluid and Vasopressor Therapy? J.L. Teboul, MD (Paris, France)
12:15	Non-Invasive Hemodynamic Monitoring Methods: Time to Replace Invasive Ones in Septic Shock? D. De Backer, MD (Brussels, Belgium)
12:35	Discussion
12:40	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)

# 13:05 **SYMPOSIUM SATELLITE:** JAFRON



Blood purification techniques in SEPSIS. Where are we today?

Moderator: R. Ferrer, MD (Barcelona, Spain)

P. Honoré, MD (Brussels, Belgium):

The evolution of blood purification techniques in SEPSIS.

F. Schwameis, MD (Baden, Austria):

My experience with the adsorption cartridge HA330 II for the treatment of septic patients with liver failure

13:50 **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

J. J. González López (Barcelona, Spain)

Coffee-Break (Exhibition Area & Poster Discussion)

#### IV. NEW THERAPIES IN SEPSIS

Discussion

16:10

16:20

Moderators: T. Calandra, MD (Lausanne, Switzerland)

a Rapid Diagnosis of Sepsis

R. Guillamat, MD (Sabadell, Spain)

16:50 Extracorporeal Pathoger	n and Endotoxin Elimination
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Is The Horizon?

M. Antonelli, MD (Rome, Italy)

17:10 Inmune 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 Insigths

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 SHIONOGI INC.

 $\textbf{Moderators:} \ \ \textbf{A. Torres, MD} \ (\textbf{Barcelona, Spain})$ 

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



16:50

Moderators: M. Niederman, MD (New York, USA)

J. Carlet, MD (Paris, France)

14:30	Prevention of VAP: How We Made Progress? (The Antartic 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 III 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)

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# **Registration Form**

Dates: February, 13th-14th, 2020

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Cancellations must be sent in written to the Technical Secretariat. Before January 7th an administration fee of 30 euros will be debited as management expenses. No fees will be refunded after this date. The participant acknowledges that he/she has no right to lodge damage claims against the organizers should the holding of the Congress be hindered or prevented by unexpected, political or economic events or generally by force majeure, or should the nonappearance of speakers or others reasons necessitate programme changes. With reservation, the participan accepts this proviso.

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