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# SEVERE INFECTIONS IN CRITICAL PATIENTS (IDIPAC International)



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26<sup>th</sup>-27<sup>th</sup> September 2025  
Barcelona

## INTRO SPEECH

Serious infections, particularly in vulnerable patients, represent a global health emergency, especially when caused by multidrug-resistant microorganisms. Among Gram-negative bacteria, carbapenem-resistant Enterobacterales, *Pseudomonas aeruginosa*, and *Acinetobacter baumannii*, primarily due to the production of  $\beta$ -lactamases, are on the rise and pose a significant challenge for physicians worldwide.

Although Gram-positive infections receive comparatively less attention, *Staphylococcus* spp. and *Enterococcus* spp. infections are associated with high morbidity and mortality, particularly in cases of bloodstream infections, endocarditis, or implant-associated infections. Therefore, it is crucial to evaluate the latest advancements in therapeutic options.

Sepsis caused by these pathogens presents significant immunological complexities, and its diagnosis using biomarkers remains challenging. However, precise diagnosis, timely antimicrobial therapy, and appropriate consideration of antimicrobial pharmacokinetics across different patient populations are essential to improving patient outcomes. In this context, the implementation of rapid molecular tests for the detection of sepsis biomarkers, the identification of etiological microorganisms, and the determination of resistance mechanisms is imperative for altering the course of the disease.

Furthermore, immunocompromised patients, such as those with neutropenia, are at increased risk of fungal infections and SARS-CoV-2 infection. Accordingly, this course will highlight emerging antifungal agents currently in development and discuss protocols for managing COVID-19 in immunosuppressed patients. Lastly, we will address contemporary challenges in HIV care and their impact on patients' quality of life.

**Carlo Tascini**

**Alex Soriano Viladomiu**

**PRESIDENTS OF THE MEETING:**

**Carlo Tascini**

Infectious Diseases Clinic  
University of Udine (Udine, IT)

**Alex Soriano Viladomiu**

Barcelona Clinic Hospital (Barcelona, ES)

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**ORGANIZING SECRETARIAT**

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# Severe Infections in Critical Patients (IDIPAC International)

PROGRAMME

FRIDAY, 26<sup>TH</sup> SEPTEMBER

## FRIDAY, 26<sup>TH</sup> SEPTEMBER 2025 - MORNING

- 08.30 a.m. - 09.00 a.m. Registration of participants
- 09.00 a.m. - 09.20 a.m. Welcome to participants and Opening remarks  
**C. Tascini** (Udine, IT)  
**A. Soriano Viladomiu** (Barcelona, ES)
- SESSION I - BIOLOGY OF INFECTIONS:  
BRIDGING BIOCHEMISTRY TO MICROBIOLOGY**  
Chairpersons: **C. Tascini** (Udine, IT), **A. J. Vila** (Santa Fe, AG)
- 09.20 a.m. - 09.40 a.m. *P. aeruginosa*: common and uncommon mechanisms of resistance  
**A. Oliver** (Palma de Mallorca, ES)
- 09.40 a.m. - 10.00 a.m. Mechanism of resistance in *A. baumannii*  
**S. Stefani** (Catania, IT)
- 10.00 a.m. - 10.20 a.m. NDM and other metallo-beta-lactamases: a research perspective  
**A. J. Vila** (Santa Fe, AG)
- 10.20 a.m. - 10.40 a.m. Biochemistry of beta-lactamases: an evolutionary perspective  
**M. G. Perilli** (L'Aquila, IT)
- 10.40 a.m. - 11.00 a.m. NGS in the future: how far are we?  
**C. F. Perno** (Rome, IT)
- 11.00 a.m. - 11.20 a.m. The microbiome lab  
**C. Casals - Pascual** (Barcelona, ES)
- 11.20 a.m. - 11.40 a.m. Discussion
- 11.40 a.m. - 12.00 p.m. *Coffee Break*

### FRIDAY, 26<sup>TH</sup> SEPTEMBER 2025 - MORNING

#### **SESSION II - PATHOPHYSIOLOGY OF INFECTIONS AND HOST RESPONSE**

Chairpersons: **C. F. Perno** (Rome, IT),  
**A. Soriano Viladomiu** (Barcelona, ES)

- |                         |  |
|-------------------------|--|
| 12.00 p.m. - 12.20 p.m. | Immunology of sepsis<br><b>F. Mearelli</b> (Trieste, IT)   |
| 12.20 p.m. - 12.40 p.m. | Biomarkers in sepsis: from the lab to the clinic<br><b>F. Curcio</b> (Udine, IT), <b>F. Mearelli</b> (Trieste, IT)                                 |
| 12.40 p.m. - 01.00 p.m. | Antibiotic therapy in sepsis: when and what<br><b>M. Klompas</b> (Boston, USA)   |
| 01.00 p.m. - 01.20 p.m. | Community acquired Meningitis<br>Role of steroids, non bacteriolytic bactericidal<br>antibiotics and IGAM<br><b>D. Van de Beek</b> (Amsterdam, NL) |
| 01.20 p.m. - 01.40 p.m. | How important is to preserve the microbiota<br>(colonization immunity) for patients' outcome?<br><b>A. Soriano Viladomin</b> (Barcelona, ES)       |
| 01.40 p.m. - 02.00 p.m. | Discussion   |
| 02.00 p.m. - 03.00 p.m. | <i>Lunch</i>   |

# Severe Infections in Critical Patients (IDIPAC International)

PROGRAMME

FRIDAY, 26<sup>TH</sup> SEPTEMBER

## FRIDAY, 26<sup>TH</sup> SEPTEMBER 2025 - AFTERNOON

### SESSION III - ANTIMICROBIAL THERAPY AND MANAGEMENT - PART I

Chairpersons: **R. A. Bonomo** (Cleveland, US),  
**C. Tascini** (Udine, IT)

03.00 p.m. - 03.20 p.m. Acinetobacter Baumannii therapy today  
**R. Bonomo** (Cleveland, US)

03.20 p.m. - 03.40 p.m. Enterobacterales CRE  
**P. Tamma** (Baltimore, US)

03.40 p.m. - 04.00 p.m. Epidemiology of MDR P. aeruginosa  
**P. Simner** (Baltimore, US)

04.00 p.m. - 04.20 p.m. Therapy of P. aeruginosa  
**S. Herrera** (Barcelona, ES)

04.20 p.m. - 04.40 p.m. *Coffee Break*

04.40 p.m. - 05.00 p.m. New therapies for MBL infections  
**S. Giuliano** (Udine, IT)

05.00 p.m. - 05.20 p.m. Phage therapy  
**M. G. Di Luca** (Pisa, IT)

05.20 p.m. - 05.40 p.m. Discussion

05.40 p.m. - 05.50 p.m. *End of the day*

# Severe Infections in Critical Patients (IDIPAC International)

PROGRAMME

FRIDAY, 26<sup>TH</sup> SEPTEMBER

## SATURDAY, 27<sup>TH</sup> SEPTEMBER - MORNING

### SESSION IV - ANTIMICROBIAL THERAPY AND MANAGEMENT - PART II

Chairpersons: **S. Giuliano** (Udine, IT),  
**A. Soriano Viladomiu** (Barcelona, ES)

- 09.00 a.m. - 09.20 a.m. S. aureus endocarditis today  
**V. Fowler** (Durham, US)
- 09.20 a.m. - 09.40 a.m. Long-acting antibiotics for Gram positive infections  
**L. Morata** (Barcelona, ES)
- 09.40 a.m. - 10.00 a.m. Quinolones today  
**J. Lora-Tamayo** (Madrid, ES)
- 10.00 a.m. - 10.20 a.m. Intraabdominal infections and gram positive  
**C. Eckmann** (Hannover, GE)
- 10.20 a.m. - 10.40 a.m. Discussion
- 10.40 a.m. - 11.00 a.m. *Coffee Break*

### SESSION V - IMMUNOSUPPRESSED PATIENTS

Chairpersons: **C. García-Vidal** (Barcelona, ES),  
**C. Tascini** (Udine, IT)

- 11.00 a.m. - 11.20 a.m. Carbapenem sparing: to be or not to be. Facing the  
challenges of today's epidemics in the  
hemato-oncology patients  
**M. Bassetti** (Genoa, IT)
- 11.20 a.m. - 11.40 a.m. How to treat COVID-19 in immunosuppressed patients  
**T. F. Aiello** (Barcelona, ES)
- 11.40 a.m. - 12.00 p.m. Discussion

# Severe Infections in Critical Patients (IDIPAC International)

PROGRAMME

SATURDAY, 27<sup>TH</sup> SEPTEMBER

## SESSION VI - HIV SESSION

Chairperson: **S. Lanini** (Udine, IT)

12.00 p.m. - 12.20 p.m. Cardiovascular concerns in HIV  
**E. Martínez** (Barcelona, ES)

12.20 p.m. - 12.40 p.m. Long-acting antiviral therapy  
**S. Lanini** (Udine, IT)

12.40 p.m. - 01.00 p.m. Discussion

01.00 p.m. - 02.00 p.m. *Lunch*

## SATURDAY, 27<sup>TH</sup> SEPTEMBER - AFTERNOON

## SESSION VII - FUNGAL INFECTIONS

Chairpersons: **C. Eckmann** (Hannover, GE),  
**C. Tascini** (Udine, IT)

02.00 p.m. - 02.20 p.m. Molecular techniques for fungal infections,  
how relevant are they?  
**A. Vergara Gómez** (Barcelona, ES)

02.20 p.m. - 02.40 p.m. New options for *Aspergillus* spp invasive infections  
**C. García-Vidal** (Barcelona, ES)

02.40 p.m. - 03.00 p.m. Discussion



# Severe Infections in Critical Patients (IDIPAC International)

PROGRAMME

SATURDAY, 27<sup>TH</sup> SEPTEMBER

## SESSION VIII - PNEUMONIA

Chairperson: **A. Soriano Viladomiu** (Barcelona, ES)

- 03.00 p.m. - 03.20 p.m. Steroids in CAP: PR vs CON discussion  
**P. F. Dequin** (Tours, FR), **P. M. Póvoa** (Lisboa, PT)
- 03.20 p.m. - 03.40 p.m. HAP/VAP importance of rapid identification of the pathogen  
**R. Ferrer Roca** (Barcelona, ES)
- 03.40 p.m. - 04.00 p.m. Discussion
- 04.00 p.m. - 04.20 p.m. *Coffee Break*

## SESSION IX - PK/PD AND OTHER DOSING STRATEGIES

Chairpersons: **P. G. Cojutti** (Bologna, IT), **A. Pai** (Ann Arbor, US)

- 4.20 p.m. - 04.40 p.m. Double beta-lactams therapy: does it really make a difference?  
**C. Tascini** (Udine, IT)
- 4.40 p.m. - 05.00 p.m. New BLICs: pharmacokinetic considerations  
**P. G. Cojutti** (Bologna, IT), **S. Luque Pardos** (Barcelona, ES)
- 05.00 p.m. - 05.20 p.m. PkPD of glycopeptides and lipopeptides  
**A. Pai** (Michigan, US)
- 05.20 p.m. - 05.40 p.m. Discussion
- 05.40 p.m. - 06.00 p.m. *Final remarks and farewell*
- 06.00 p.m. - 07.00 p.m. Round Table  
**Faculty Members**
- 07.00 p.m. - 08.30 p.m. Faculty debriefing: what have we learned and what is next on Infectious Diseases in Critical Patients?

# Severe Infections in Critical Patients (IDIPAC International)

## FACULTY

<b>Aiello Tommaso Francesco</b>	Barcelona, ES
<b>Bassetti Matteo</b>	Genoa, IT
<b>Bonomo Robert A.</b>	Cleveland, US
<b>Casals-Pascual Climent</b>	Barcelona, ES
<b>Cojutti Pier Giorgio</b>	Bologna, IT
<b>Curcio Francesco</b>	Udine, IT
<b>Dequin Pierre-Fraçois</b>	Tours, FR
<b>Di Luca Maria Grazia</b>	Pisa, IT
<b>Eckmann Christian</b>	Hannover, GE
<b>Ferrer Roca Ricard</b>	Barcelona, ES
<b>Fowler Vance Garrison</b>	Durham, US
<b>García Vidal Carol</b>	Barcelona, ES
<b>Giuliano Simone</b>	Udine, IT
<b>Herrera Sabina</b>	Barcelona, ES
<b>Klompas Michael</b>	Boston, USA
<b>Lanini Simone</b>	Udine, IT
<b>Lora-Tamayo Morillo Velarde Jaime</b>	Madrid, ES
<b>Luque Sonia</b>	Barcelona, ES
<b>Martínez Esteban</b>	Barcelona, ES

# Severe Infections in Critical Patients (IDIPAC International)

## FACULTY

<b>Mearelli Filippo</b>	Trieste, IT
<b>Morata Laura</b>	Barcelona, ES
<b>Oliver Palomo Antonio</b>	Mallorca, ES
<b>Pai Amit</b>	Ann Arbo, US
<b>Perilli Maria Grazia</b>	L'Aquila, IT
<b>Perno Carlo Federico</b>	Rome, IT
<b>Póvoa Pedro Manuel</b>	Lisboa, PT
<b>Simner Patricia</b>	Baltimore, US
<b>Soriano Viladomiu Alex</b>	Barcelona, ES
<b>Stefani Stefania</b>	Catania, IT
<b>Tamma Pranita</b>	Baltimore, US
<b>Tascini Carlo</b>	Udine , IT
<b>Van de Beek Diederik</b>	Amsterdam, NL
<b>Vergara Gómez Andrea</b>	Barcelona, ES
<b>Vila Alejandro J.</b>	Santa Fe, AG

# Severe Infections in Critical Patients (IDIPAC International)

## REGISTRATION - HYBRID EVENT

### VIA WEBSITE AND/OR APP - HYBRID EVENT

Subscription to the Reserved Area and to the Event of your interest is required.  
REGISTRATION IS FREE.

### RESIDENTIAL EVENT

Via website [www.en.fondazione-menarini.it/Home](http://www.en.fondazione-menarini.it/Home)

#### IF YOU ARE ALREADY A SUBSCRIBER TO THE FONDAZIONE MENARINI RESERVED AREA

1) Please **visit the page of the congress** of your interest:

<https://www.en.fondazione-menarini.it/Home/Events>

2) Click on **“SUBSCRIBE TO RESIDENTIAL EVENT”** and **LOG IN** with your credentials.

3) Choose which days you wish to attend.

**You will receive a confirmation email including your registration QR CODE for entering the event.**

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2) To **register in the reserved area**, just fill in the form, available here:

[www.en.fondazione-menarini.it/Home/Sign-up-the-Reserved-Area](http://www.en.fondazione-menarini.it/Home/Sign-up-the-Reserved-Area)

3) Fill in all the mandatory fields and complete the registration, click on **REGISTER** (only once).

Wait for the confirmation page to appear, do not click on anything or leave the page.

Once you receive confirmation, return to the home page, you will already be logged-in to the reserved area.

4) **Visit the page of the congress** of your interest:

<https://www.en.fondazione-menarini.it/Home>

5) Confirm your registration by clicking on **“SUBSCRIBE TO RESIDENTIAL EVENT”** and **LOG IN** with your credentials.

6) Choose which days you wish to attend.

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# Severe Infections in Critical Patients (IDIPAC International)

## REGISTRATION - LIVE STREAMING

### LIVE STREAMING

Via website [www.en.fondazione-menarini.it/Home](http://www.en.fondazione-menarini.it/Home)

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**You can enjoy the LIVE STREAMING for free on 26<sup>th</sup> and 27<sup>th</sup> September 2025.**

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# Severe Infections in Critical Patients (IDIPAC International)

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Download the APP of Fondazione Menarini,  
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Click on the red button **REGISTER**; to register in the reserved area, just fill in all the mandatory fields of the form.

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Now you are logged-in to the APP (you will see your name near the user icon).

You can visit the schedule of the event, and click on the red button **"SUBSCRIBE TO LIVE STREAMING"**, check the Privacy Notice and the confirm.

You can enjoy the **LIVE STREAMING** for free on 26<sup>th</sup> and 27<sup>th</sup> September 2025.

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# Severe Infections in Critical Patients (IDIPAC International)

## GENERAL INFORMATION

### VENUE

Barcelona

### OFFICIAL LANGUAGE

The official language of the meeting is English. Simultaneous translation will not be provided.

### REGISTRATION HOURS FOR RESIDENTIAL EVENT

Attendance at the meeting is free.

For more information and to register please visit the following website:

[www.en.fondazione-menarini.it/Home](http://www.en.fondazione-menarini.it/Home)

### FACULTY SLIDE CENTRE OPENING HOURS

The center will be open at the following times:

Friday, 26<sup>th</sup> September 2025, from 8.30 a.m. to 5.50 p.m.

Saturday, 27<sup>th</sup> September 2025, from 9.00 a.m. to 6.00 p.m.

Please note that times are expressed in Local time

### TECHNICAL FACILITIES

Facilities will be available for computer presentations and overhead projections.

A Slide Center with PCs (Windows and Macintosh operating systems) will be available for

Speakers to preview and finalize their presentations. Speakers are kindly requested to submit their presentations to the Slide Center technicians at least one hour before their talks.

### LUNCH AND COFFEE BREAKS

Lunch and coffee breaks will be served in the meeting area.

### ATTENDANCE CERTIFICATE:

The attendance certificate will be provided via email after the meeting, upon request.

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