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UNIVERSITÀ
DEGLI STUDI
DI UDINE

HIC SUNT FUTURA

SEVERE INFECTIONS IN CRITICAL PATIENTS

(IDIPAC International)



WWW.FONDAZIONE-MENARINI.COM

26th-27th September 2025

VENUE: Hotel Barceló Sants PL. dels Països Catalans, s/n, Sants-Montjuïc, 08014 Barcelona, Spain

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 β -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

UNDER THE PATRONAGE OF:



**UNIVERSITÀ
DEGLI STUDI
DI UDINE**
HIC SUNT FUTURA

PRESIDENTS OF THE MEETING:

Carlo Tascini

Infectious Diseases Clinic
University of Udine (Udine, IT)

Alex Soriano Viladomiu

Barcelona Clinic Hospital (Barcelona, ES)

CO-ORGANIZED BY:



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ORGANIZING SECRETARIAT

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Website: www.collage-spa.it

Severe Infections in Critical Patients (IDIPAC International)

PROGRAMME

FRIDAY, 26TH SEPTEMBER

FRIDAY, 26TH 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, 26TH 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 F. Mearelli (Trieste, IT) |
| 12.20 p.m. - 12.40 p.m. | Biomarkers in sepsis: from the lab to the clinic F. Curcio (Udine, IT), F. Mearelli (Trieste, IT) |
| 12.40 p.m. - 01.00 p.m. | Antibiotic therapy in sepsis: when and what M. Klompas (Boston, USA) |
| 01.00 p.m. - 01.20 p.m. | Community acquired Meningitis Role of steroids, non bacteriolytic bactericidal antibiotics and IGAM TBD |
| 01.20 p.m. - 01.40 p.m. | How important is to preserve the microbiota (colonization immunity) for patients' outcome? A. Soriano Viladomin (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, 26TH SEPTEMBER

FRIDAY, 26TH 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, 26TH SEPTEMBER

SATURDAY, 27TH 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
G. G. Zhanel (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, 27TH 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, 27TH 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, 27TH 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
virtual- **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. - 05.30 p.m. Discussion
- 05.30 p.m. *Final remarks and farewell*

Severe Infections in Critical Patients (IDIPAC International)

FACULTY

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

Severe Infections in Critical Patients (IDIPAC International)

FACULTY

| | |
|-------------------------------|---------------|
| Mearelli Filippo | Trieste, IT |
| Morata Laura | Barcelona, ES |
| Oliver Palomo Antonio | Mallorca, ES |
| Pai Amit | Ann Arbo, US |
| Perilli Maria Grazia | L'Aquila, IT |
| Perno Carlo Federico | Rome, IT |
| Póvoa Pedro Manuel | Lisboa, PT |
| Simner Patricia | Baltimore, US |
| Soriano Viladomiu Alex | Barcelona, ES |
| Stefani Stefania | Catania, IT |
| Tamma Pranita | Baltimore, US |
| Tascini Carlo | Udine , IT |
| Vergara Gómez Andrea | Barcelona, ES |
| Vila Alejandro J. | Santa Fe, AG |
| George G. Zhanel | Manitoba, CA |

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.fondazione-menarini.com

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

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

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2) Click on “SUBSCRIBE RESIDENTIAL EVENT / LIVE STREAMING” and LOG IN with your credentials. Then click on “SUBSCRIBE TO RESIDENTIAL EVENT”

3) Choose which days you wish to attend.

You will receive a confirmation email.

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3) Fill in all the mandatory fields and complete the registration, click on **SIGN UP**.

Wait for the confirmation, check your email and activate your account by clicking on the link in the email we sent you and then click on “GO TO SIGN IN”. Once you verify your account via email, return to the home page to log into the reserved area.

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

<https://fondazione-menarini.com/en/courses-and-events.html>

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Severe Infections in Critical Patients (IDIPAC International)

REGISTRATION - LIVE STREAMING

LIVE STREAMING

Via website www.fondazione-menarini.com

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Severe Infections in Critical Patients (IDIPAC International)

REGISTRATION - FONDAZIONE APP



VIA FONDAZIONE MENARINI APP

Download the APP of Fondazione Menarini,
click here or scan the QR CODE:

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LIVE STREAMING

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You can access the APP with the same username and password that you use in the website. Visit the page of the event and confirm your participation, click on **"SUBSCRIBE TO EVENT"**.

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Click on the profile icon in the top right-hand corner, or in the details of an event. Click on **SIGN UP**:

Click on the red button **SIGN UP**; to register in the reserved area, just fill in all the mandatory fields of the form.

Now it is necessary to log in with your username (email) and password! Then click on **SIGN IN**.

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 EVENT"**, check the Privacy Notice and then confirm.

You can enjoy the LIVE STREAMING for free on 26th and 27th September 2025.

RESIDENTIAL EVENT

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Please feel free to contact us if you need any further information or require any assistance, by clicking on the link below:

www.fondazione-menarini.com/en/contact-us.html

Severe Infections in Critical Patients (IDIPAC International)

GENERAL INFORMATION

VENUE

Hotel Barceló Sants -Pl. dels Països Catalans, s/n, Sants-Montjuïc, 08014 Barcelona, Spain

- Barcelona El Prat Airport, 12 km away
- Barcelona Sants: RENFE, Metro, AVE, 0 km away

HOW TO GET THE CONGRESS VENUE

The hotel is located directly above the Barcelona-Sants Train Station or Sants-Estació. The ground-floor entrance is in Plaça de Joan Peiró. To find it, you need to exit the train station. This entrance has two elevators that take you directly to the hotel lobby there on the first floor. Once you find yourself at the train station Barcelona Sants, take one of the exits towards Pl. de Joan Peiró. From there, take the ground-level entrance to Hotel Barceló Sants.



Arriving by car

You can access the hotel by following the signs to the parking P Barceló Sants. The entrance to the parking is at level and can be found on the corner between Plaça dels Països Catalans and Pg. Sant Antoni.



Arriving by train or metro

The regional train lines to the train station Barcelona Sants are R1, R2, R3, R4, R2S. In addition, the train station is serviced by high-speed rails such as RENFE AVE, AVLO, and OUIGO operating across Spain as well as internationally. In The metro lines passing through the train station Barcelona Sants (Sants-Estació) are Line 3 and Line 5. Tickets can be purchased online, at selling points within train stations, or from ticket machines available at both train and metro stations. Once you find yourself at the train station Barcelona Sants, take one of the exits towards Pl. de Joan Peiró as indicated in the floor plan below. From there, take the ground-level entrance to Hotel Barceló Sants.



Arriving by plane

The hotel is located 12 km from the Barcelona El Prat Airport. The Hotel/Conference venue can be reached in the following ways:

- Train (journey time: ~20 minutes):
From the train station at El Prat Airport, Terminal 2 (T2), take the train line R2N, direction Estación de tren Sant Celoni. Get off at the third stop, station Barcelona-Sants. The Hotel/Conference Venue is located directly above the train station.
- Aerobus + metro (journey time: ~30 minutes):
- From the bus station at El Prat Airport, Terminal 1 (T1), take the Aerobus A1, direction Pl.

Severe Infections in Critical Patients (IDIPAC International)

GENERAL INFORMATION

Catalunya- Andana Central. Get off at the first stop, Plaça Espanya. In Pl. Espana, enter the metro station, and take the Metro line L3, direction Zona Universitària. Get off at the second stop, Sants Estació. From there walk for 300 m (around 5 minutes) towards the Barcelona-Sants train station. The Hotel/Conference Venue is located directly above the train station.

- From the bus station at El Prat Airport, Terminal 2 (T2), take the Aerobus A2, direction Pl. Catalunya- Fontanella. Get off at the first stop, Plaça Espanya. In Pl. Espana, enter the metro station, and take the Metro line L3, direction . Get off at the second stop, Sants Estació. From there walk for 300 m (around 5 minutes) towards the Barcelona-Sants train station. The Hotel/Conference Venue is located directly above the train station

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.fondazione-menarini.com

FACULTY SLIDE CENTRE OPENING HOURS

The center will be open at the following times:

Friday, 26th September 2025, from 8.30 a.m. to 5.50 p.m.

Saturday, 27th 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.

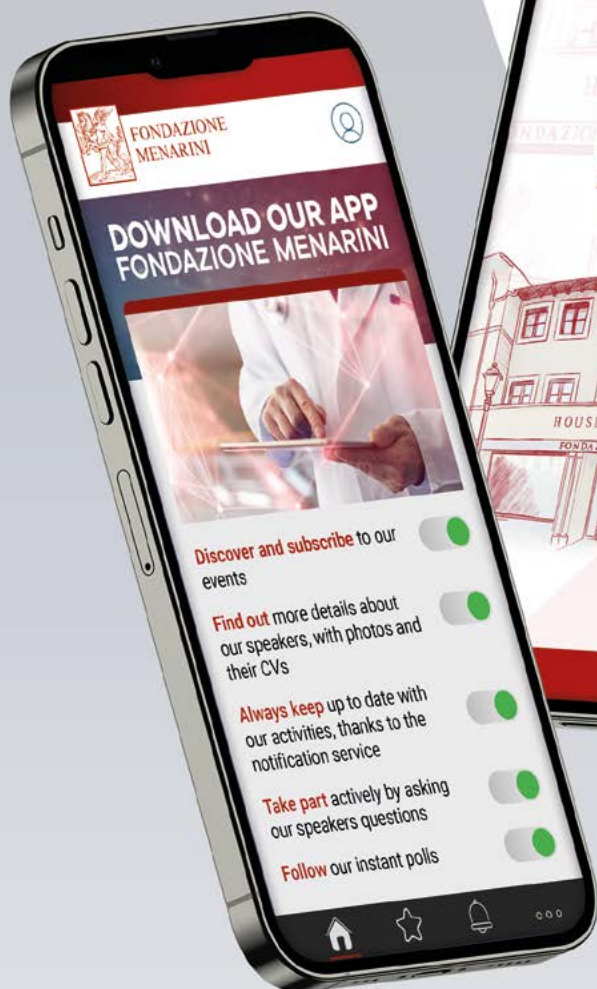
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NOTES

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All slides and presentations are available on our website 15 days after the event.

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