



#### Target Audience:

Medical doctors, microbiologists, and pharmacists, nurses or other healthcare professionals with an MSc or PhD and with interest or experience in ICP are eligible.

#### Confirmed faculty members

Murat Akova, Ankara, Turkey  
Rafel Cantón, Madrid, Spain  
George Daikos, Athens, Greece  
Santiago Grau, Barcelona, Spain  
Juan P. Horcajada, Barcelona, Spain  
Lorena López Cerero, Seville, Spain  
Jean-Christopher Lucet, Paris, France  
Milagro Montero, Barcelona, Spain  
Antonio Oliver, Palma de Mallorca, Spain  
Carlos Palos, Lisbon, Portugal  
Jose Ramón Paño, Zaragoza, Spain  
Mical Paul, Haifa, Israel  
Jesús Rodríguez-Baño, Seville, Spain  
Oana Sandulescu, Bucharest, Romania  
Luisa Sorlí, Barcelona, Spain  
Jordi Vila, Barcelona, Spain

## Contact

#### For the Scientific Programme

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EUCIC local module for  
Infection Prevention and  
Control

**MDR Gram-negative  
infections in  
Mediterranean hospitals:  
Know them, prevent  
them, and beat them!**

**Barcelona, Spain  
25 – 26 June 2020**



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Infection Prevention and  
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**MDR Gram-negative  
infections in  
Mediterranean hospitals:  
Know them, prevent  
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#### Organizers

European Committee on Infection Control (EUCIC)  
of the European Society of Clinical Microbiology and  
Infectious Diseases (ESCMID)

#### Module Coordinators

Juan P. Horcajada, Barcelona, Spain  
Jesús Rodríguez Baño, Seville, Spain  
Carlos Palos, Lisbon, Portugal

#### Infection Prevention and Control

##### Module objectives

Infections caused by multidrug-resistant Gram-negative bacteria (MDR-GNB) have been increasing in Mediterranean countries over the last decades. Several efforts should be done in order to reduce their selection and dissemination. Education in microbiology, epidemiology, infection control and antimicrobial therapy is needed for professionals managing this worrisome topic.

##### Objectives:

- To learn the main mechanisms of antimicrobial resistance in MDR-GNB
- To review the current epidemiology of MDR-GNB in Europe
- To learn how to perform an adequate surveillance of MDR-GNB
- To update the evidence about the current infection control measures for MDR-GNB
- To review the current therapeutic options for infections caused by MDR-GNB

# Module Programme

## Thursday, 25 June 2020

- 8:00 Arrival and Registration  
8:15 Welcome and introduction  
*Juan P. Horcajada, Jesús Rodríguez.Baño  
Carlos Palos*

### Mechanisms of resistance and epidemiology of MDR-GNB

Location: Xipre Room, IMIM, Hospital del Mar, Barcelona, Spain

Chair: *Juan P. Horcajada*

- 8:30 Mechanisms of resistance and current epidemiology of MDR and XDR *Pseudomonas aeruginosa*  
*Antonio Oliver*
- 9:00 Mechanisms of resistance and current epidemiology of MDR and XDR *Acinetobacter baumannii*  
*Jordi Vila*
- 9:30 Mechanisms of resistance and current epidemiology of ESBL and carbapenemase-producing Enterobacterales  
*Rafael Cantón*
- 10:00 Discussion  
10:30 Coffee break

### Surveillance of MDR-GNB (Part I)

Location: Xipre Room, IMIM, Hospital del Mar, Barcelona, Spain

Chair: *Mical Paul*

- 11:00 Surveillance of MDRO infections in Europe. MDRO metrics  
*Rafael Cantón*
- 11:45 Active surveillance of MDR-GNB: when, how and to whom should we swab patients?  
*Carlos Palos*
- 12:30 What to do with colonized patients beyond contact precautions?  
*Jesús Rodríguez Baño*
- 13:15 Lunch

### Surveillance of MDR-GNB (Part II)

Location: Xipre Room, IMIM, Hospital del Mar, Barcelona, Spain

Chair: *Jordi Vila*

- 14:30 Wastewater, food and other environmental reservoirs of MDR-GNB inside and outside the hospital  
*Oana Sandulescu*
- 15:15 The hospital environment as a reservoir of MDR-GNB: when, how and where should we sample the environment?  
*Lorena López Cerero*
- 16:00 Coffee break
- 16:30 Practical workshops about MDR-GNB Surveillance (small groups)  
Faculty members
- 18:00 End of Day

## Friday, 26 June 2020

### Infection Prevention and Control of MDR-GNB

Location: Xipre Room, IMIM, Hospital del Mar, Barcelona, Spain

Chair: *Carlos Palos*

- 8:30 Update in infection control practices for reducing MDR-GNB dissemination  
*Jean-Christopher Lucet*
- 9:15 Antimicrobial stewardship: is it as a good tool for reducing MDR-GNB dissemination?  
*Jose Ramón Paño*
- 10:00 Discussion  
10:30 Coffee break

### Treatment of MDR GNB Infections (Part I)

Location: Xipre Room, IMIM, Hospital del Mar, Barcelona, Spain

Chair: *Jesús Rodríguez-Baño*

- 11:00 Treatment of infections caused by ESBL producing Enterobacterales  
*Murat Akova*
- 11:30 Treatment of infections caused by carbapenemase-producing Enterobacterales  
*George Daikos*
- 12:00 Discussion

### Treatment of MDR GNB Infections (Part II)

Location: Xipre Room, IMIM, Hospital del Mar, Barcelona, Spain

Chair: *Murat Akova*

- 12:30 Treatment of infections caused by MDR/XDR *Acinetobacter baumannii*  
*Mical Paul*
- 13:00 Treatment of infections caused by MDR/XDR *Pseudomonas aeruginosa*  
*Juan P. Horcajada*
- 13:30 Pharmacokinetic and pharmacodynamic strategies against MDR GNB infections  
*Santiago Grau*
- 14:00 Discussion  
14:30 Lunch
- 15:30 Discussion of clinical vignettes  
*M Luisa Sorlí, Milagro Montero*
- 17:00 Concluding remarks  
17:15 Assessment  
17:45 End of day

# Organization

## Module Venue

Sala Xipre  
Institut Hospital del Mar  
d'Investigacions Mèdiques (IMIM)  
Hospital del Mar  
Dr. Aiguader Street 88  
08003 Barcelona  
Spain

## Registration Procedure

Register now online on the ESCMID website at:  
[https://www.escmid.org/research\\_projects/eucic/training\\_programme/](https://www.escmid.org/research_projects/eucic/training_programme/)  
The registration deadline is June 11, 2020

## Registration Fee

EUCIC trainee: Automatic registration  
ESCMID member: EUR 325  
No ESCMID member: EUR 450

The fee includes the course material, coffee breaks and lunch breaks. Accommodation is not included.

## CME Accreditation

The organizers of the module have applied for European CME accreditation through EACCME.

