

Target Audience

Clinical microbiologists/ microbiologists, infectious diseases doctors

Faculty Members

Aleksandra Barac, Belgrade, Serbia
Bojana Beovic, Ljubljana, Slovenia
Iva Butic, Zagreb, Croatia
Zeynep Ceren Karahan, Ankara, Turkey
Uga Dumpis, Riga, Latvia
Oskar Ekelund, Växjö, Sweden
Miquel Ekkelenkamp, Utrecht, Netherlands
Onur Karatuna, Växjö, Sweden
Danilo Lo Fo Wong, Copenhagen, Denmark
Surbhi Malhotra-Kumar, Antwerp, Belgium
Saskia Nahrgang, Copenhagen, Denmark
Neven Papic, Zagreb, Croatia
Irina Pristas, Zagreb, Croatia
Marija Santini, Zagreb, Croatia
Nandini Shetty, London, UK
Robert Skov, Copenhagen, Denmark
Arjana Tambic Andrasevic, Zagreb, Croatia

Organisers

- **ESCMID Study Group for Antimicrobial Resistance Surveillance (ESGARS)**
- **Croatian Society for Clinical Microbiology of the Croatian Medical Association**

Course Coordinators

Arjana Tambic Andrasevic, Zagreb, Croatia
Robert Skov, Copenhagen, Denmark
Onur Karatuna, Växjö, Sweden

Course Objective

The aim of the course is to acquire knowledge on best clinical and laboratory practices to optimize the use of diagnostic tools in settings with limited resources and high prevalence of antimicrobial resistance. Specific objectives include: to adopt skills in detection of resistance mechanism in gram-positive and gram-negative bacteria; to improve sampling habits and clinical interpretation of microbiological findings for the most common bacterial infections (urinary, respiratory, bloodstream and skin and soft tissue infections); to better understand and discuss the importance of diagnostic and antimicrobial stewardship in optimizing patient treatment.

Contact

Contact Person (Scientific Programme)

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Hrvatsko društvo za
kliničku mikrobiologiju
Hrvatskog liječničkog zbora

**Croatian Society of
Clinical Microbiology**
of the Croatian Medical Association

ESGARS
ESCMID STUDY GROUP
FOR ANTIMICROBIAL
RESISTANCE SURVEILLANCE
European Society of Clinical Microbiology and Infectious Diseases

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ESCMID Postgraduate Education Course

Clinical microbiology testing in settings with limited resources and high prevalence of AMR: the role of diagnostic stewardship

Šibenik, Croatia
17 – 19 October 2022



ESCMID Postgraduate Education Course

Organisation

Course Venue

Hotel Amadria park, Solaris, Šibenik, Croatia
Address: Hoteli Solaris 86, Šibenik
www.amadriapark.com/hr/hotel_category/sibenik

Travel arrangements

Goran Petrović
BIZZ Travel Ltd.
II Ravnice 1A, 10 000 Zagreb, Croatia
Mobile: +385 99 4987 333
E-mail: goran@bizztravel.biz
Web: www.bizztravel.biz

Registration Procedure

Register on the ESCMID website at www.escmid.org/education by 31 September 2022.

Registration Fee

EUR 750 for ESCMID members
EUR 850 for all others

Please register until **27 September 2022**.

The registration fee includes tuition, 3 nights (16th, 17th, and 18th October) stay in the hotel, 3 breakfasts, 3 lunches, coffee breaks, 1 dinner and a social event. Travel is not included.

ESCMID provides a number of attendance grants for ESCMID 'Young Scientist' members. The Grant covers the registration fee but not travel costs.

Attendance Grant Application Deadline: 02/09/2022

Notification Deadline: 13/09/2022

Course Programme

Sunday, 16 October 2022

	Arrivals
Monday, 17 October 2022	
08:30 – 09:00	Welcome and introduction <i>Onur Karatuna, Robert Skov, Arjana Tambic Andrasevic</i>
09:00 – 09:30	Antibiotic classes used to treat gram-positive bacteria and most important resistance mechanisms <i>Robert Skov</i>
09:30 – 10:00	Antibiotic classes used to treat gram-negative bacteria and most important resistance mechanisms <i>Onur Karatuna</i>
10:00 – 10:30	The role of a clinical microbiologist in diagnostic and antimicrobial stewardship? <i>M. Ekkelenkamp</i>
10:30 – 10:45	Discussion
10:45 – 11:15	Coffee break
11:15 – 11:35	Laboratory diagnostics of bloodstream infections BSI <i>Arjana Tambic Andrasevic</i>
11:35 – 11:55	Antibiotic therapy of community acquired BSI <i>Neven Papic</i>
11:55 – 12:15	Urinary tract infections (UTI): from sampling to the interpretation of the results <i>Iva Butic</i>
12:15 – 12:35	Antibiotic therapy of UTI <i>Uga Dumpis</i>
12:35 – 12:50	Discussion
12:50 – 13:50	Lunch break

13:50 – 14:10	Respiratory tract infections (RTI): how much bacteriological testing is needed <i>Irina Pristas</i>
14:10 – 14:30	Antibiotic therapy of community acquired RTI <i>Bojana Beovic</i>
14:30 – 14:50	Challenges in laboratory diagnostics of skin and soft tissue infections (SSTI) <i>Zeynep Ceren Karahan</i>
14:50 – 15:10	Challenges in the diagnostics and treatment of fungal infections <i>Aleksandra Barac</i>
15:10 – 15:25	Discussion
15:25 – 15:45	Coffee break
15:45 – 18:00	Tutorials (each session 45 min) Detection of resistance mechanisms in gram-positive bacteria <i>Robert Skov, Iva Butic</i> Detection of resistance mechanisms in gram-negative bacteria <i>Onur Karatuna, Irina Pristas</i> The role of a clinical microbiologist in diagnostic and antimicrobial stewardship <i>Miquel Ekkelenkamp, Arjana Tambic Andrasevic</i> (three groups each)

Tuesday, 18 October 2022

09:00 – 09:20	Prescribing antibiotics in intensive care units <i>Marija Santini</i>
09:20 – 09:40	Rapid testing in clinical microbiology: what is applicable in settings with limited resources <i>Oskar Ekelund</i>
09:40 – 10:00	Screening for multidrug resistant organisms <i>Nandini Shetty</i>
10:00 – 10:15	Discussion
10:15 – 10:45	Coffee break
10:45 – 13:00	Tutorials (each session 45 min) Urinary tract infections: case presentations <i>Iva Butic, Uga Dumpis</i> Respiratory tract infections: case presentations <i>Bojana Beovic, Irina Pristas</i> Skin and soft tissue infections, fungal infections: case presentations <i>Aleksandra Barac, Zeynep Ceren Karahan</i> (three groups each)
13:00 – 14:00	Lunch break
14:00 – 16:15	Tutorials (each session 45 min) To screen or not to screen <i>Nandini Shetty, Irina Pristas</i> Caring for critically ill patients <i>Marija Santini, Oskar Ekelund</i> Bloodstream infections: case presentations <i>Neven Papic, Arjana Tambic Andrasevic</i> (three groups each)
17:00 – 21:00	City Tour & Dinner

Wednesday, 19 October 2022

09:00 – 09:20	Strengths and weaknesses of current antimicrobial susceptibility testing methods <i>Onur Karatuna</i>
09:20 – 09:40	Challenges in maintaining an antimicrobial resistance (AMR) surveillance network <i>Saskia Nahrgang</i>
09:40 – 10:00	One health approach to AMR <i>Daniilo Lo Fo Wong</i>
10:00 – 10:20	Increasing research capacity through twinning projects <i>Surbhi Malhotra-Kumar</i>
10:20 – 10:35	Discussion
10:35 – 11:00	Coffee break
11:00 – 12:00	Panel discussion Rational use of microbiological diagnostics and antibiotics
12:00 – 13:00	Lunch break
	Departure