



Target Audience

70 – 80 healthcare professionals (infectious diseases physicians, microbiologists, pharmacists, nurses, public health officials) who are currently working in the field of antimicrobial stewardship or are interested in the topic.

Faculty Members

- Bojana Beovic, Ljubljana, Slovenia
- Cimen Cansu, Istanbul, Turkey
- Esmi Charani, London, United Kingdom
- Oliver Dyar, Stockholm, Sweden
- Miquel Ekkelenkamp, Utrecht, Netherlands
- Önder Ergönül, Istanbul, Turkey
- Alison Holmes, London, United Kingdom
- Philip Howard, Leeds, United Kingdom
- Marlies Hulscher, Nijmegen, Netherlands
- Benedikt Huttner, Geneva, Switzerland
- Diamantis Kofteridis, Heraklion, Greece
- Tomislav Kostyanov, Antwerp, Belgium
- Carles Llor, Barcelona, Spain
- Marc Mendelson, Cape Town, South Africa
- Dominique Monnet, Stockholm, Sweden
- Patricia Muñoz, Madrid, Spain
- José R. Pano, Zaragoza, Spain
- Céline Pulcini, Nancy, France
- Jesús Rodríguez-Baño, Seville, Spain
- Jeroen Schouten, Nijmegen, Netherlands
- Karin Thursky, Melbourne, Australia
- Vera Vlahovic, Rijeka, Croatia
- Agnes Wechsler-Fördös, Vienna, Austria

Contact

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ESCMID Postgraduate Education Course

Antimicrobial Stewardship: Implementing the Change

San Lorenzo de El Escorial, Spain
19 – 20 April 2018



ESCMID Postgraduate Education Course

Antimicrobial Stewardship: Implementing the Change

Organizers

- ESCMID Study Group for Antimicrobial stewardship – ESGAP
- GEIRAS – Study Group on Healthcare-Associated Infections of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC), Madrid, Spain

Course Coordinators

- Bojana Beovic, Ljubljana, Slovenia
- José R. Pano, Zaragoza, Spain
- Jeroen Schouten, Nijmegen, Netherlands
- Céline Pulcini, Nancy, France

Course Objectives

- To understand the scientific background of antimicrobial stewardship interventions
- To understand the sociocultural, ethical and behavioral aspects of antimicrobial stewardship
- To acknowledge the relevance of the quality management/implementation aspects of antimicrobial stewardship
- To learn about other barriers to antimicrobial stewardship and how to address them
- To learn the basic principles of bacterial resistance and antimicrobial consumption surveillance
- To understand the differential aspects of antimicrobial stewardship in various settings: hospital (medicine, surgery, ICU, hematology), primary care, general public, long-term care facilities
- To learn how to integrate antimicrobial stewardship education in undergraduate and postgraduate curriculums of healthcare professionals
- To overview the antimicrobial stewardship initiatives being in place worldwide
- To learn from national strategies: their successes and failures

Course Programme

Thursday, 19 April 2018

08:00 Registration
08:30 Introduction. *Bojana Beovic, José R. Pano*

Antimicrobial stewardship: why?

Chair: *Céline Pulcini*
08:40 Bacterial resistance as a societal problem. *Marc Mendelson*
09:05 What is the evidence for linking antibiotic use and resistance? *Miquel Ekkelenkamp*
09:30 Is there any room to improve antibiotic use? Which are the priorities? *Karin Thursky*
09:55 Which are the main determinants of antibiotic use? *Marlies Hulscher*

10:20 Poster walk I.
Jeroen Schouten, Vera Vlahovic, Céline Pulcini, Bojana Beovic

Changing behavior, changing culture

Chair: *Oliver Dyar*
11:15 How does antibiotic decision-making work? *José R. Pano*
11:40 How to help people making good decisions? *José R. Pano*
12:05 Why culture and team dynamics matter if you aim to improve antimicrobial prescribing at your institution? *Esmita Charani*

12:30 Lunch break

Stewardship and implementation science

Chair: *Önder Ergönül*
13:30 Why is implementation science the natural vehicle to drive antimicrobial stewardship? *Marlies Hulscher*
13:55 An introduction to the workshop. *Jeroen Schouten*

14:15 Workshop: improving antibiotic use in your own hospital – from barrier analysis to effective interventions
Chairs: *Marlies Hulscher, Jeroen Schouten*

- First round: analysis of barriers using the Flottorp model
- Second round: prioritization of barriers and devising a potentially effective intervention

16:15 Coffee break

16:45 Antimicrobial OSSI – Objective Structured Stewardship Interaction (roleplaying)

Chairs: *Bojana Beovic, Cimen Cansu, José R. Pano, Céline Pulcini, Jeroen Schouten*

- Attendees grouped in teams of 5 to 10 people will have to act as antimicrobial stewards in 8 different clinical scenarios/ stages to be determined (two faculty members for each scenario)
- In these sessions attendees will have to discuss one or more clinical management issues (such as IV-oral switch, withdrawing therapy, diagnostics)

20:00 Dinner

Friday, 20 April 2018

Different settings, different approaches

Chair: *Diamantis Kofteridis*
08:30 Antimicrobial stewardship in the ER. *Jesús Rodríguez-Baño*
08:55 Antimicrobial stewardship in the ICU. *Jeroen Schouten*
09:20 Antimicrobial stewardship in immunocompromised patients. *Patricia Muñoz*
09:45 Antibiotic stewardship in primary care. *Carles Llor*
10:10 Antibiotic stewardship in LTCFs. *Céline Pulcini*

10:35 Meet-the-experts having a coffee

Educating prescribers

Chair: *Agnes Wechsler-Fördös*
11:30 Education of healthcare professionals on antibiotic prescribing: undergraduate/ postgraduate/continuing education. *Bojana Beovic*
12:00 Technology, teams, test and co-design. *Alison Holmes*
12:30 Online repositories and tools for antimicrobial stewards. *To be confirmed*

13:00 Lunch break

Antimicrobial stewardship practice and science

14:00 Measuring antimicrobial consumption. *Philip Howard*
14:30 How to audit the quality of antimicrobial prescriptions in a hospital? *Karin Thursky*
15:00 Monitoring antimicrobial resistance. *Tomislav Kostyanev*

Advanced track

14:00 Research needs and pitfalls in antimicrobial stewardship. *Benedikt Huttner*
14:30 Quality improvement research. *Marlies Hulscher*
15:00 What would you have done differently? *Benedikt Huttner*

15:30 Poster walk II.
Jeroen Schouten, Vera Vlahovic, Céline Pulcini, Bojana Beovic

National and supranational strategies to boost the implementation of antimicrobial stewardship around the globe

Chair: *Vera Vlahovic*
16:30 European Union (ECDC): thinking out of the box. *Dominique Monnet*
17:00 South Africa. *Marc Mendelson*
17:30 Australia. *Karin Thursky*

18:00 Conclusions
18:15 Evaluation

Organization

Course Venue & Accommodation

Euroforum Palacio de los Infantes
Calle del Rey, 38
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Registration Procedure

Register now online on the ESCMID website at www.escmid.org/education. Registration deadline is 18 March 2018.

Registration Fee

- EUR 650 for ESCMID members (Full Membership/Young Scientist Membership)
- EUR 750 for all others

The registration fee includes the course, accommodation for two nights (18/19 April 2018), coffee breaks and lunches. Travel is not included.

Attendance Grants

ESCMID provides a number of attendance grants for ESCMID “young scientist members”. The grant covers the registration fee. Travel is not included. Please apply via the ESCMID website at www.escmid.org/education before 2 February 2018. Applicants will be informed about their acceptance by 16 February 2018.

CME Accreditation

The organizers of the course will apply for European CME accreditation through EACCME.