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
Esmita Charani, London, United Kingdom
Oliver Dyar, Stockholm, Sweden
Miquel Ekkelenkamp, Utrecht, Netherlands
Önder Ergönül, Istanbul, Turkey
Alison Helmers, London, United Kingdom
Philip Howard, Leeds, United Kingdom
Marlies Hulscher, Nijmegen, Netherlands
Benedikt Huttner, Geneva, Switzerland
Diamantis Kofteridis, Heraklion, Greece
Tomislav Kostyanev, 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

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

Contact
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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

ESCMID Postgraduate Education Course
Antimicrobial Stewardship: Implementing the Change
San Lorenzo de El Escorial, Spain
19 – 20 April 2018
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. Miquel Ekkelenkamp
09:05  Is there any room to improve antibiotic use? Which are the priorities? Karin Thursky
09:30  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 Ergünül
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
14:50  Poster walk II. Jeroen Schouten, Vera Vlahovic, Céline Pulcini, Bojana Beovic

Friday, 20 April 2018

Different settings, different approaches
Chair: Diamantis Kofentelis
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
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 stewardship. 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

Course Programme Organization

Course Venue & Accommodation
Euroforum Palacio de los Infantes
Calle del Rey, 38
28200 San Lorenzo de El Escorial, Spain
Phone +34 918 96 70 00

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.