Target Audience
30 – 50 graduate and postgraduate students, infectious diseases specialists, intensive care doctors and other specialties interested in all aspects of sepsis.

Faculty Members
Eveline Assink-de Jonge, Amsterdam, Netherlands
Matteo Bassetti, Udine, Italy
Marc Bonten, Utrecht, Netherlands
Thierry Calandra, Lausanne, Switzerland
Sonia Chetelier, Lyon, France
Christian Eckmann, Hannover, Germany
Miquel Ekkelenkamp, Utrecht, Netherlands
Evangelos Giamarellos-Bourboulis, Athens, Greece
Jesus Gonzales, Madrid, Spain
Marcel Levi, London, United Kingdom
Johan Mouton, Rotterdam, Netherlands
Jordi Rello, Barcelona, Spain
Thierry Roger, Lausanne, Switzerland
Christopher Seymour, Pittsburgh, PA, United States
Mervyn Singer, London, United Kingdom
Jean-Francois Timsit, Paris, France
Tom van der Poll, Amsterdam, Netherlands
Willem Joost Wiersinga, Amsterdam, Netherlands

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Organizers
• ESCMID PK/PD of Anti-Infectives Study Group – EPASG
• ESCMID Study Group for Bloodstream Infections and Sepsis – ESGBIS
• ESCMID Study Group for Infections in Critically Ill Patients – ESGCIP
• European Sepsis Academy

Course Coordinators
• Matteo Bassetti, Udine, Italy
• Thierry Calandra, Lausanne, Switzerland
• Winfried V. Kern, Freiburg, Germany
• Jordi Rello, Barcelona, Spain
• Willem Joost Wiersinga, Amsterdam, Netherlands

Course Objectives
• To provide to infectious disease specialists, clinical microbiologists, intensive care physicians, emergency department physicians and paediatricians an updated overview of all aspects of sepsis, from pathophysiology to management.
• To give participants the opportunity to have state-of-the-art insights and scientific exchanges on sepsis diagnosis and treatment, including:
  - Current views on the pathogenesis of sepsis
  - Usefulness of biomarkers in sepsis
  - New developments in the diagnosis of sepsis
  - The new “Surviving Sepsis Guidelines” update
  - Novel antibiotics and optimal dosing in sepsis
  - Novel adjunctive immunotherapies
  - The sepsis research agenda for the coming decade
• To give participants the opportunity to have small scale insightful discussions with the leaders in the field.

Contact

Contact Person (Scientific Programme)
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### Course Programme

**Thursday, 1 June 2017**

13:30 Opening comments and learning objectives. Willem Joost Wiersinga

**The burden of sepsis**
Chair: Mervyn Singer

14:30 What is sepsis? New definitions. Mervyn Singer
15:00 The epidemiology of sepsis. Evangelos Giamarellos-Bourboulis
15:30 The emergence of bloodstream infections due to multidrug-resistant Enterobacteriaceae. To be confirmed

16:00 Round table discussion with speakers. Thierry Calandra, Jordi Rello, Tom van der Poll, Willem Joost Wiersinga

16:30 Tea break

**The pathogenesis of sepsis**
Chair: Tom van der Poll
17:00 The host response in sepsis. Tom van der Poll
17:30 What makes the host susceptible to sepsis? Thierry Roger
18:00 The coagulation system in sepsis. Marcel Levi

19:00 Drinks and dinner at restaurant Lieve, Amsterdam

**Friday, 2 June 2017**

**Diagnosis of sepsis**
Chair: Willem Joost Wiersinga

08:30 Novel developments in rapid bedside tests for pathogen detection. Sonia Chetellet
09:00 Biomarkers in sepsis: an overview. Tom van der Poll
09:30 The pro's and con's of the use of procalcitonin in sepsis. Evéline Assink-de Jonge
10:00 A teaser for the next session: difficult cases in sepsis management. Christopher Seymour
10:30 Coffee break

**Management of sepsis part I (basic principles)**
Chair: Jordi Rello
11:00 Antibiotic therapy for sepsis: the basics. Miquel Ekkelenkamp
11:30 Optimal antibiotic dosing strategies in sepsis. Johan Mouton
12:00 Adjunctive immunotherapies for patients with sepsis: it’s time for personalized medicine. Jordi Rello
12:30 The gut microbiota in sepsis. Willem Joost Wiersinga
13:00 Lunch

**Management of sepsis part II (organ- and host-specific)**
Chair: Christian Eckmann
14:00 Novel antibiotics for sepsis. Miquel Ekkelenkamp
14:30 Source control in intra-abdominal sepsis. Christian Eckmann
15:00 Novel trial design in sepsis. Christoph Seymour
15:30 Social event: sepsis sailing surprise including drinks and dinner (Ijsselmeer)

**Saturday, 3 June 2017**

**Management of sepsis part III (pathogen-specific)**
Chair: Matteo Bassetti
09:30 Sepsis and the challenges in antimicrobial resistance. Marc Bonten
10:00 Empiric and definitive antifungal therapy in sepsis. Matteo Bassetti
10:30 De-escalation in sepsis. Jean-François Timis
11:00 Tea break

**The road ahead**
Chair: Marc Bonten
11:30 Stem cell treatment strategies in sepsis. Jesús González
12:00 The actual and future role of the nurse in the management of sepsis. Stijn Blot
12:30 The road ahead: key question in sepsis research. Representatives of the European Sepsis Academy
13:00 Round table discussion and closure. Matteo Bassetti, Jordi Rello, Tom van der Poll, Willem Joost Wiersinga

### Course Venue

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### Registration Procedure

Register now online on the ESCMID website at www.escmid.org/education. Registration deadline is 1 May 2017.

### Registration Fee

- EUR 550 for ESCMID members (Full Membership/Young Scientist Membership)
- EUR 600 for all others

The registration fee includes lunches, tea/coffee breaks, dinner, teaching materials and social activities. Travel and accommodation are not included. Numerous choices of accommodation in all price ranges are available in the immediate vicinity of the course venue.

### Attendance Grants

ESCMID provides a number of attendance grants for ESCMID “young scientist members”. The grant covers the registration fee. Travel and accommodation are not included. Please apply via the ESCMID website at www.escmid.org/education before 1 April 2017. Applicants will be informed about their acceptance by 17 April 2017.

### CME Accreditation

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