Contact
Contact Person (Scientific Programme)
Barbara Kahl
University Hospital Münster
Medical Microbiology
Domagkstr. 10
48149 Münster, Germany
Phone +49 251 835 53 58
kahl@uni-muenster.de

Administrative Secretariat
Nina Blickensdorf
University Hospital Münster
Medical Microbiology
Domagkstr. 10
48149 Münster, Germany
Phone +49 251 835 53 40
Nina.Blickensdorf@ukmuenster.de

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

Faculty Members
Karsten Becker, Münster, Germany
Chantal Bleecker-Rovers, Nijmegen, Netherlands
Xavier Duval, Paris, France
Cornelius Faber, Münster, Germany
Vance Fowler, Durham, NC, United States
Efthymia Giannitsioti, Athens, Greece
Margret Hannan, Dublin, Ireland
Christine Helmann, Münster, Germany
Mathias Herrmann, Münster, Germany
Bruno Hoen, Guadeloupe, France
Evengy Idemich, Münster, Germany
Achim Kaasch, Düsseldorf, Germany
Barbara Kahl, Münster, Germany
Tobias Kramer, Berlin, Germany
Brigitte Lamy, Nice, France
Giovanni Luzzi, Bari, Italy
Vincent Le Meing, Nancy, France
Laurens Liesenborghs, Leuven, Belgium
Bettina Löffler, Jena, Germany
Carlos Mestres, Abu Dhabi, United Arab Emirates
Jose Mira, Barcelona, Spain
Philippe Moreillon, Lausanne, Switzerland
Annette Moter, Berlin, Germany
Georg Peters, Münster, Germany
Siegbert Rieg, Freiburg, Germany
Harald Seifert, Cologne, Germany
Bruno Hoen, Guadeloupe, France

Course Objectives
To provide to postgraduate microbiologists and infectious disease physicians an updated overview of:
- the pathogenesis of intravascular infections including infective endocarditis (IE) and cardiovascular implantable electronic device (CIED) infections caused especially by staphylococci and some other pathogens (e.g. Coxiella burnetii)
- epidemiology
- improvement of diagnostic clinical and microbiological procedures
- the best imaging techniques for IE and bloodstream infections
- optimized antimicrobial therapy
- antibiotic prophylaxis for IE
- choosing the right animal model for research

There will be two sessions to present and discuss clinical cases with infectious disease experts.
Course Programme

Tuesday, 20 March 2018

12:00 Registration
13:00 Welcome. Mathias Herrmann (Dean of the Medical Faculty, Münster, Germany), Georg Peters

Infective endocarditis – introduction
Chairs: Barbara Kohl, Pierre Tattevin
13:30 Endocarditis – progress and challenges. Vance Fowler
14:15 S. aureus endocarditis: the bug or the host? Francois Vandenbroucke
15:00 Coffee break
15:30 S. aureus endocarditis – epidemiology. Achim Kaasch
16:15 Optimizing antimicrobial therapy. Jose Miro
17:00 Surgery in the treatment of endocarditis. Bruno Hoen
19:00 Dinner and get together

Wednesday, 21 March 2018

Diagnostics
Chairs: Bruno Hoen, Karsten Becker
09:00 Optimizing strategies for taking blood cultures. Brigitte Lampe
09:45 Rapid microbiological diagnostics of bloodstream infections. Exgeny Lebech
10:30 Predicting infective endocarditis in S. aureus bloodstream infection: critical appraisal of existing scorers. Vincent Le Moing
11:15 Coffee break

Imaging
11:30 Which is the best imaging technique for infective endocarditis used in patients? Bhavna Sinha
12:15 PET scan in the diagnosis of S. aureus BSI: can it help diagnose IE earlier? Xavier Duval
13:00 Molecular imaging after valve surgery for culture negative IE. Annette Moter
13:35 Lunch

Clinical cases
Chairs: Vance Fowler, Harald Seifert
14:45 Clinical cases
16:45 Coffee break
Pre-dinner talk
Chairs: Brigitte Lampe, Vincent Le Moing
17:15 Chronic O fever and cardiovascular manifestations. Chantal Bleeker-Rovers
19:00 Dinner and get together

Thursday, 22 March 2017

IE pathogenesis
Chairs: Bettina Löffler, Philippe Moreillon
09:00 How S. aureus manipulates coagulation to initiate endocarditis. Peter Verhamme
09:45 S. aureus adhesions important for endocarditis. Lorenz Tuchscherer
10:30 IE and biofilm. Christine Heilmann
11:15 Coffee break

IE – is there a right animal model for endocarditis?
Chairs: Cornelius Faber, Jose Miro
11:30 Animal models for endocarditis. Cornelius Faber
12:15 Animal models for endocarditis using shear stress. Laurens Liesenborghs
13:00 Lunch

Cardiovascular implantable electronic device infection
Chairs: Giovanni Luzzi, Siegbert Rieg
13:30 Epidemiology, definitions and clinical presentation. Efthymia Giannitsioti
14:15 Types of devices and procedures: current scenarios. Carlos Mestre
15:00 Coffee break
Clinical cases
Chairs: Vincent Le Moing, Margret Hannam
15:30 Clinical cases
19:00 Dinner and social evening

Friday, 23 March 2017

CIED and vascular graft infections
Chairs: Achim Kaasch, Franck Thuny
08:30 Types of devices and procedures: current scenarios. Carla Mestres
09:15 Imaging techniques. Franck Thuny
10:00 Treatment of vascular device infections. Pierre Tattevin
10:45 Coffee break

Prophylaxis: yes or no? And how?
Chairs: Tobias Kramer, Siegbert Rieg
11:15 Antibiotic prophylaxis – should we stay or should we go? Martin Thornhill
12:00 Prophylaxis of IE beyond antibiotics. Philippe Moreillon
12:45 End of meeting

Organization

Course Venue
University Hospital Münster
Albert-Schweitzer-Straße 33
48149 Münster, Germany

Accommodation
Hotel Conti
Berliner Platz 2
48143 Münster, Germany
Phone +49 251 846 92 80

Registration Procedure
Register now online on the ESCMID website at www.escmid.org/education. Registration deadline is 23 February 2018.

Registration Fee
• EUR 850 for ESCMID members (Full Membership/Young Scientist Membership)
• EUR 950 for all others

The registration fee includes the course and teaching materials, 3 nights of accommodation (20 – 22 March), coffee breaks, lunches and social events. 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 12 January 2018. Applicants will be informed about their acceptance by 26 January 2018.

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