Contact

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Target Audience
Clinical microbiologists (and trainees)

Faculty Members
Gunnar Kahlmeter, Växjö, Sweden
Christian Giske, Stockholm, Sweden
Erika Matuschek, Växjö, Sweden
John Turnidge, Adelaide, Australia
Rafael Canton, Madrid, Spain
Sören Gatermann, Bochum, Germany
Helle Jarv, Tallinn, Estonia
Maido Remm, Tartu, Estonia
Anastasia Bilozor, Tallinn, Estonia
Radu Botgros, London, United Kingdom
Liselotte Diaz Högberg, Stockholm, Sweden
Kadri Klaas, Tallinn, Estonia
Shampa Das, Manchester, United Kingdom
Marina Ivanova, Tallinn, Estonia
Paul Naaber, Tallinn, Estonia
Marika Jürna-Ellam, Tallinn, Estonia
Jenny Åhman, Växjö, Sweden
Emma Jonasson, Växjö, Sweden
Robin Howe, Cardiff, Wales
Gunnar Skov Simensen, Tromsø, Norway

ESCMID Postgraduate Education Course
Antimicrobial susceptibility testing with EUCAST criteria and methods

Tallinn, Estonia
2 - 5 February 2021

Organizers
• European Committee on Antimicrobial Susceptibility Testing (EUCAST)
• ESCMID PK/PD of Anti-Infectives Study Group (EPASSG)
• ESCMID Study Group for Antimicrobial Resistance Surveillance (ESGARS)
• Estonian Society for Laboratory Medicine, Microbiology Section

Course Coordinators
• Marina Ivanova, Tallinn, Estonia

Course Objectives
To explain criteria and methods for determining breakpoints to antimicrobial agents and the methods by which these are implemented and controlled in microbiological laboratories.
Tuesday, 2 February 2021

14.30 Arrival, welcome coffee and registration
Marina Ivanova

Presentation of the course
Christian Giske, Gunnar Kahlmeter

15.00 EMA – How are antimicrobials developed and registered in the EMA process
Rudy Botros

15.30 The EUCAST system
Christian Giske

16.00 The EUCAST breakpoint tables – how to use them?
Gunnar Kahlmeter

16.30 Pharmacokinetics and -dynamics
Shampa Das

17.00 Integrating available information – how clinical breakpoints are set
John Turnidge

18.30 Welcome dinner at the venue

Wednesday, 3 February 2021

8.00 New definitions of S, I and R and the ATU
Gunnar Kahlmeter

8.30 Antimicrobial phenotypic susceptibility testing
Erika Matuschek

9.30 Quality control in the laboratory
Jenny Åhman

10.15 Coffee break

10.45 Intrinsic resistance, exceptional phenotypes, expert rules and the process of interpretive reading of antibiograms
Sören Gatermann

11.15 The role and use of Guidance documents, what to do when there are no breakpoints?
Robin Howe

11.30 Rapid AST from positive blood cultures
Emma Jonasson

12.15 Discussion

12.30 Lunch

13.00 Laboratory sessions:
Marika Jürna-Ellam, Anastasia Pavelkovich, Jelena Rudzka, Kaspar Ratnik, Marina Ivanova

Manual and automated methods: disk diffusion, RAST, microdilution, gradient tests, genotypic methods, MALDI-ToF detection of resistance (20 participants per site maximum)

18.00 Sightseeing in the old town and dinner

Thursday, 4 February 2021

9.00 Novel phenotypic methods for AST [besides molecular methods] and detection of resistance.
Oskar Ekund

9.45 WSS for AST and AMR detection
Maido Remm

10.45 Intrinsic resistance, exceptional phenotypes, expert rules and the process of interpretive reading of antibiograms
Sören Gatermann

11.15 The role and use of Guidance documents, what to do when there are no breakpoints?
Robin Howe

11.30 Rapid AST from positive blood cultures
Emma Jonasson

12.15 Discussion

12.30 Lunch

13.00 Laboratory sessions:
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18.00 Sightseeing in the old town and dinner

Friday, 5 February 2021

9.30 Susceptibility testing for AMR surveillance – problems and possibilities
Liselotte Diaz Högberg

10.15 ESBL- and carbapenemase-producing Gram-negative bacilli: epidemiology in North-Eastern Europe
Anastasia Bilozor

11.00 Application of AMR data in local treatment guidelines
Gunnar Skov Simonsen

11.30 Challenges in fungal AMR detection
Hele Jarv

12.00 Lunch

13.00 Laboratory sessions:
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9.30 Quality control in the laboratory
Jenny Åhman

10.15 Coffee break

11:00 AST of mycobacteria: news from the AMST subcommittee
Kadri Klaus

11.30 Challenges in fungal AMR detection
Hele Jarv

12.00 Lunch

13.00 Laboratory sessions:
Marika Jürna-Ellam, Anastasia Pavelkovich, Jelena Rudzka, Kaspar Ratnik, Marina Ivanova

Manual and automated methods: disk diffusion, RAST, microdilution, gradient tests, genotypic methods, MALDI-ToF detection of resistance (20 participants per site maximum)

Saturday, 6 February 2021

8.30 Antimicrobial phenotypic susceptibility testing
Erika Matuschek

9.30 Quality control in the laboratory
Jenny Åhman

10.15 Coffee break

11.00 AST of mycobacteria: news from the AMST subcommittee
Kadri Klaus

11.30 Challenges in fungal AMR detection
Hele Jarv

12.00 Lunch

13.00 Laboratory sessions:
Marika Jürna-Ellam, Anastasia Pavelkovich, Jelena Rudzka, Kaspar Ratnik, Marina Ivanova

Manual and automated methods: disk diffusion, RAST, microdilution, gradient tests, genotypic methods, MALDI-ToF detection of resistance (20 participants per site maximum)

Registration Procedure

Registration Fee
EUR 600 for ESCMID members
EUR 750 for all others
The fee includes educational materials, coffee breaks, lunch, drinks and dinner

Attendance Grants
ESCMID provides a number of attendance grants for ESCMID "young scientist members". The grant covers the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website at www.escmid.org/education before 15 September 2020. Applicants will be informed about their acceptance by 31 September 2020.

Accommodation Options
Whilst accommodation is not included in the registration Fee, favourable rates are being offered by the Park Inn by Radisson Central Tallinn, Narva Mnt 7c, 10117 Tallinn. Book online at https://bit.ly/3e5Dvl4 or via the booking centre (estonia.sales@radissonblu.com or +3726315315) using the code ‘SYNLAB’. 

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