Target Audience
Residents, specialists and biomedical analysts in microbiology and infectious diseases.

Confirmed Faculty Members
Bo Nilson, Lund, Sweden
Dominique Salmon, Paris, France
Gülşen Özkaya Sahin, Lund, Sweden
Høge Vangstein Aamot, Larvik, Norway
Ingvar Eliasson, Lund, Sweden
Kaisu Rantakokko-Jalava, Turku, Finland
Lia van der Heek, Amsterdam, Netherlands
Malik Sallam, Amman, Jordan
Mansourah Vataneshnassan, Bremen, Germany
Marianne Jansson, Lund, Sweden
Maurizio Sanguinetti, Rome, Italy
Murat Akova, Ankara, Turkey
Onur Karatuna, Växjö, Sweden
Önder Ergönül, Istanbul, Turkey
Snejzana Zdovc Lepej, Zagreb, Croatia
Thierry Naas, Paris, France

Course Objectives
The best outcomes for infected patients are the result of updated knowledge and strong partnerships between the clinician and the microbiology specialist. This course aims to update the audience concerning recent advances in diagnostic methods, give the audience a chance to see how these advancements are considered by the experts in the field, stimulate future collaborations between participants and to facilitate a visit to one of the biggest Scandinavian clinical microbiology laboratories.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session I: Update in Antimicrobial Susceptibility Testing (AST)</th>
<th>Session II: Update in Molecular Diagnostics</th>
<th>Session III: Update in Diagnostics Testing for Viral Infections</th>
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</thead>
<tbody>
<tr>
<td>08:15</td>
<td>Arrival and registration</td>
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<td>08:45</td>
<td>What is the implication of EUCAST’s new definitions of S, I and R? What is the role of PK/PD? Thierry Noos</td>
<td>15:15 A &quot;mouldy&quot; application of MALDI-TOF MS: Art-identification and detection of antifungal resistance Manoureh Vatanshehassan</td>
<td>08:30 Update in diagnosis of HIV-1 and HIV-2 and future prospects Marianne Jansson</td>
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<td>09:30</td>
<td>Is it possible to get AST results within 4 hours from blood culture bottles? Maurizio Sanguinetti</td>
<td>16:00 Biomarkers and molecular methods in antimicrobial stewardship Onder Ergönül</td>
<td>08:30 Update in diagnosis of HIV-1 and HIV-2 and future prospects Marianne Jansson</td>
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<td>10:15</td>
<td>Coffee break</td>
<td>16:45 Role of metagenomics in clinical and public health decision-making Hege Vangstein Aamot</td>
<td>10:00 Occult HBV infection: Who is under risk? How to diagnose? Snezana Židovec Lepej</td>
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<td>10:45</td>
<td>E-test, disc diffusion test or microdilution test: Which one and when? Kaisu Rantakokka-Jalsa</td>
<td>18:00 Welcome dinner</td>
<td>10:00 Coffee break</td>
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<td>11:30</td>
<td>Can we use MALDI-TOF MS as a possible alternative technology for AST? Bo Nilson</td>
<td>11:15 What does an infectious diseases doctor need to know to treat patients with viral infections? Dominique Salmon</td>
<td>10:45 Infectious diseases doctor’s perspective on advances in AST Murat Akova</td>
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<td>12:15</td>
<td>Lunch</td>
<td>12:00 Lunch</td>
<td>14:00 Viral NGS and metagenomics in cerebrospinal fluid Lia van der Hoek</td>
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<tr>
<td>13:15</td>
<td>Lunch</td>
<td>13:00 Introduction to the Clinical Microbiology Laboratory in Lund Ingvar Elansson</td>
<td>14:00 Infectious diseases doctor’s perspective on advances in AST Murat Akova</td>
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<td>14:00</td>
<td>Visit to the Clinical Microbiology Laboratory in Lund</td>
<td>13:30 Concluding remarks and evaluation of the course</td>
<td>14:45 Coffee break</td>
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<tr>
<td>15:00</td>
<td>Concluding remarks and evaluation of the course</td>
<td>15:20 City tour</td>
<td>14:45 Coffee break</td>
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</tbody>
</table>

**Organization**

**Module Venue**
Clinical Microbiology Laboratory Medicine, Region Skåne Sölvegatan 23B 221 85 Lund, Sweden
https://vardgivare.skane.se/vardriktlinjer/laboratoriemedicin

**Registration Procedure**
Register on the ESCMID Website before 1 November 2020.

**Registration Fee**
- EUR 350 for ESCMID members
- EUR 550 for all others

The fee includes teaching material, lunches, coffee breaks, the social dinner and city tour.

**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 before 23 August 2020.

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