



#### Target Audience

25 – 30 clinical microbiologists and other interested people.

#### Faculty Members

- Murat Akova, Ankara, TR
- Sebastian Amyes, Edinburgh, UK
- Sohret Aydemir, Izmir, TR
- Ahmet Basustaoğlu, Ankara, TR
- Derek Brown, Cambridge, UK
- Cem Ergon, Izmir, TR
- Christian Giske, Stockholm, SE
- Zeynep Gülay, Izmir, TR
- Deniz Gür, Ankara, TR
- Gunnar Kahlmeter, Vaxjo, SE
- Cigdem Kayacan, Istanbul, TR
- Sesin Kocagoz, Istanbul, TR
- Mehmet Ali Ozinel, Izmir TR
- Guner Soyletir, Istanbul, TR
- Wolfgang Witte, Wernigerode, DE

## Contact

#### Administrative Secretariat

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#### Picture on frontpage:

- Courtesy of E. Civicioglu

#### Pictures inside:

- 16S/mecA/nuc multiplex PCR results for MRSA and MSSA strains
- Modified Hodge Test



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ESCMID Postgraduate  
Technical Workshop

## Clinical Implications of Antimicrobial Susceptibility Testing

Izmir, Turkey  
10 – 12 March 2011

Registered Society, Munich, Germany, No. 10956



# ESCMID Postgraduate Technical Workshop

## Clinical Implications of Antimicrobial Susceptibility Testing

### Organisers

Turkish Society of Microbiology Steering  
Committee for Standardization of Antimicrobial  
Susceptibility Testing and the Dokuz Eylül  
University Dept. of Medical Microbiology

### Course Coordinators

- Zeynep Gülay, Izmir, TR
- Deniz Gür, Ankara, TR

### Course Objectives

The main objectives of this workshop are to learn about emerging resistance mechanisms, their detection and clinical implications and to understand the rationale behind the implementation of EUCAST breakpoints.

## Course Programme

### Lectures

- Breakpoints for susceptibility testing – EUCAST and CLSI – an introduction. G. Kahlmeter
- Harmonisation of breakpoints in Europe and development of EUCAST breakpoints. G. Kahlmeter
- PK/PD as tools in breakpoints determination. C. Giske
- EUCAST methods (MIC-determination and disk diffusion) for susceptibility testing. D. Brown
- Supplementary tests (Gram positives, Gram negatives and new agents) for detection of resistance mechanisms. C. Kayacan

- Expert rules – revised version of EUCAST rules? D. Gür
- Implementation of EUCAST antimicrobial susceptibility testing methods. G. Kahlmeter/D. Brown
- Commercial systems and antimicrobial susceptibility testing. G. Soyletir
- Being aware of the limitations of antimicrobial susceptibility testing: quality control and quality assurance. A. Basustaoglu
- What is new in EUCAST 2011: Methods and breakpoints proposed by ESCMID subcommittees and expert groups (Anaerobes – *C. difficile*, *Helicobacter* and *Campylobacter*, Antifungals, topicals). D. Brown/G. Kahlmeter
- Emerging resistance mechanisms in Gram-positive bacteria. W. Witte
- Emerging resistance mechanisms in Gram-negative bacteria. C. Giske
- Low level resistance to antimicrobials:
  - Detection. Z. Gülay
  - Clinical implications. M. Akova
- Genotypic methods for detection of resistance. S. Amyes
- CLSI or EUCAST AST methods/breakpoints: which should be used in a country with limited resources? (Round Table-Interactive session) D. Gür (Chair), G. Kahlmeter, M. Akova & all participants

### Practical sessions

- Problem solving in antimicrobial susceptibility testing: small group studies
- Application of supplementary tests (including genotyping, confirmation and typing methods)
- Results of phenotypic and genotypic tests
- Discussion

## Organisation

### Course Venue

Dokuz Eylül University  
School of Medicine  
Department of Medical Microbiology  
Balçova, Izmir  
Turkey

### Registration Procedure

The registration form can be found on the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education). Please return it to the course administrative secretariat by 15 February 2011.

### Registration Fee

EUR 300 for ESCMID and TSM members  
EUR 400 for all others

The fee includes the 3-day programme, refreshments and social events. Neither travel nor accommodation are included.

### Attendance Grants

ESCMID provides a number of attendance grants for young attendees (up to 40 years) covering the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education) before 15 January 2011. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 31 January 2011.

### CME Accreditation

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