



Target Audience

30 – 45 clinical microbiologists, clinical pharmacologists or infectious disease specialists interested in the study and/or the clinical use of quinolones

Faculty Members

- Alexandra Aubry, Paris, FR
- Emmanuelle Cambau, Paris, FR
- Rafael Cantón, Madrid, ES
- Alessandra Carattoli, Rome, IT
- Giuseppe Cornaglia, Verona, IT
- Bruno Fantin, Paris, FR
- M. Carmen Fariñas, Santander, ES
- Christian Giske, Stockholm, SE
- Peter Heisig, Bonn, DE
- Luis Martínez-Martínez, Santander, ES
- Jerónimo Pachón, Seville, ES
- Alvaro Pascual, Seville, ES
- Federico Pea, Udine, IT
- José Manuel Rodríguez, Seville, ES
- Jesús Rodríguez Baño, Seville, ES
- Gian Maria Rossolini, Siena, IT
- Dora Szabo, Budapest, HU
- Jordi Vila, Barcelona, ES

Contact

Contact Person (Educational Programme)

Luis Martínez-Martínez, Santander, ES
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Administrative Secretariat

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Picture inside: Susceptibility of *Enterobacter cloacae* producing QnrS1 to ciprofloxacin and nalidixic acid, courtesy of L. Martínez-Martínez.



@ ESCMID, April 2011



ESCMID Postgraduate Education Course

Quinolones: from Bench to Bedside

Santander, Spain
5 – 7 October 2011



Quinolones: from Bench to Bedside

Organiser

ESCMID Study Group for Antimicrobial Resistance
Surveillance (ESGARS)

Course Coordinator

Luis Martínez-Martínez, Santander, Spain

Course Description

- To explain the clinical relevance of microbiological laboratory data for quinolones.
- To analyse the mechanisms of action and of resistance to this group of antimicrobial agents and their relationship with bacterial virulence.
- To discuss the influence of these issues and of PK/PD parameters in defining clinical categories along with their impact on the clinical use of these agents.
- To present practical cases of quinolone use in the clinical setting, with an interactive discussion moderated by both a clinical microbiologist and an infectious disease specialist.

Course Programme

Wednesday, 5 October 2011, 09:00 – 18:30

Lectures:

- Mechanism of action of quinolones. Peter Heisig
- Mechanisms of resistance to quinolones in Gram-positive bacteria. Emmanuelle Cambau
- Mechanisms of resistance to quinolones in Gram-negative bacteria. José Manuel Rodríguez
- Mechanisms of plasmid-mediated quinolone resistance. Alvaro Pascual
- Epidemiology of plasmid-mediated quinolone resistance. Alessandra Carattoli

Practical cases of interpretative reading and clinical impact of the antibiogram.

Dora Szabo and Jesús Rodríguez-Baño

Thursday, 6 October 2011, 09:00 – 18:30

Lectures:

- Epidemiology of chromosomally encoded quinolone resistance. Gian Maria Rossolini
- Virulence factors in quinolone-resistant organisms. Jordi Vila
- Pharmacokinetic and pharmacodynamic aspects of quinolones. Federico Pea
- Breakpoints for clinical categorisation of quinolone activity. Rafael Cantón

Practical cases of interpretative reading and clinical impact of the antibiogram. Luis Martínez-Martínez and Jesús Rodríguez-Baño

Friday, 7 October 2011, 9:00 – 17:00

Lectures:

- Phenotypic and genotypic methods for detection of quinolone resistance. Christian Giske
- Evaluation of quinolone activity with animal models. Jerónimo Pachón
- Clinical impact of quinolone resistance. Bruno Fantin
- Quinolones for therapy of mycobacterial infections. Alexandra Aubry
- Clinical use of quinolones. M. Carmen Fariñas

Organisation

Course Venue

Continuing Education Facilities
Pabellón 16
University Hospital Marqués de Valdecilla
Avda. Valdecilla s/n
Santander, Spain

Registration Procedure

The registration form can be found on the ESCMID website at www.escmid.org/education. Please return it to the course administrative secretariat by 1 August 2011.

Registration Fee

EUR 500 for ESCMID members
EUR 650 for all others
The fee includes attendance to lectures and interactive sessions, lunches at the course venue and the official dinner of the course. Accommodation and travel expenses are not 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 before 15 July 2011. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 15 August 2011.

CME Accreditation

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