

## Plenary Lectures

### Emerging antimicrobial resistance

- The origin of antimicrobial resistance genes *P. Nordmann*
- Integrons as vehicle of resistance genes *J.M. García-Lobo*
- Development of resistance mechanisms in *Pseudomonas aeruginosa* *L. Martínez-Martínez*
- Increasing problem and clinical management of multi-resistant Gram-negative bacilli *J. Rodríguez-Baño*

### Microorganisms and infection pathogenesis

- Innate immunity: the first line against infections *J.P. Horcajada*
- Type III secretion systems *F. García-Bellido*
- The host bacteria interphase as a target for antibacterial therapy *J. Vila*
- Changing aspects of *Clostridium difficile* infection *E. Nagy*

### Diagnostic and management strategies of major clinical syndromes

- Clinical implications of PK/PD *R. Cantón*
- Clinical relevance of blood-culture for anaerobes *E. Nagy*
- The growing problem of viral respiratory infections *M. Zambon*
- Nosocomial infections in cardiac surgery *C. Fariñas*

### Immunocompromised hosts

- Diagnosis of tuberculosis – old and new *A. Schwenk*
- Co-infection of HIV and hepatitis viruses *A. Geretti*
- Immunodeficiency in patients with chronic medical conditions *G. Peralta*
- Diagnosis of fungal infections in haematological patients *P. Verweij*

### Epidemiology, infection control, vaccines, and public health

- Vaccines for *Streptococcus pneumoniae* *J.M. Marimón*
- Antimicrobial consumption and impact on resistance *R. Cantón*
- An interactive approach to the discovery/diagnosis of a new disease *G. Schmid*
- An integrating concept: Health-care associated infections *J. Rodríguez-Baño*

# 5th ESCMID School of Clinical Microbiology and Infectious Diseases

Santander, Spain, 10 June – 16 June 2006



**Santander, Spain, 10 – 16 June 2006**

# 5<sup>th</sup> ESCMID School of Clinical Microbiology and Infectious Diseases

A one-week course dedicated to postgraduate and continuous medical education. The programme covers a broad range of relevant topics in clinical microbiology and infectious diseases, thus being of interest to young MDs at the end of their specialty training as well as to pharmacists, biologists, PhD students and postdoctoral fellows working in the infection field.

## Organised by the ESCMID Education Committee

under the auspices of the

**University Hospital Marqués de Valdecilla and the University of Cantabria, Santander, Spain**

## ESCMID School 2006 Main Chapters

- Emerging antimicrobial resistance
- Microorganisms and infection pathogenesis
- Diagnostic and management strategies of major clinical syndromes
- Immunocompromised hosts
- Epidemiology, infection control, vaccines, and public health

## 5<sup>th</sup> ESCMID School Director

Prof Luis Martínez-Martínez, University Hospital Marqués de Valdecilla and Department of Molecular Biology, University of Cantabria, Santander, Spain

## Educational Programme

Plenary talks will be given in the morning by selected experts, each followed by an question and answer session. The afternoon programme consists of case presentations by participants and discussions of selected case studies in small tutorial groups led by an experienced facilitator.

## Faculty for Plenary Sessions

R. Cantón (ES), C. Fariñas (ES), F. García-Bellido (ES), J.M. García-Lobo (ES), A. Garetti (UK), J.P. Horcajada (ES), J.M. Marimón (ES), L. Martínez-Martínez (ES), E. Nagy (HU), P. Nordmann (FR), G. Peralta (ES), J. Rodríguez-Baño (ES), G. Schmid (CH), A. Schwenk (UK), P. Verweij (NL), J. Vila (ES), M. Zambon (UK)

## Faculty for Afternoon Sessions

J. P. Horcajada (Spain), L. Martínez-Martínez (Spain), G. Peralta (Spain), J. Rodríguez-Baño (Spain), A. Schwenk (United Kingdom), G. Schmid (Switzerland)

## Venue

The course will take place at the Hospital Universitario Marqués de Valdecilla, Santander, Spain. For accommodation rooms have been reserved in the Hotel Chiqui, Avda. Garcia Lago 9, El Sardinero, Santander, Spain.

## Tuition Fee

The tuition fee for early registration is EUR 600 for ESCMID members and EUR 650 for non-members. Late registration between 30 April and 20 May 2006 will be EUR 700 for all. The tuition fee covers the course, educational material, bed in a double room shared with a co-student, breakfast and lunch for 6 days as well as the social events (welcome dinner on Saturday, 10 June; excursion to the Altamira neocave with prehistoric paintings, followed by a visit to the medieval village Santillana del Mar with official dinner in the Parador on Tuesday, 13 June; boat trip to the Santander Bay on Friday, 16 June). Extra cost for a single room is EUR 120. Local residents not requiring bed and breakfast pay EUR 200 less.

## Attendance Grants

ESCMID members can apply for an attendance grant covering the tuition fee of EUR 600. Recipients of a grant will be notified by 12 May 2006 at the latest.

## Application

In order to apply for the ESCMID School 2006, please register via the internet at [www.escmid.org/education](http://www.escmid.org/education). As part of the application we request to send a short letter explaining your professional situation and motivation for attending the School and a brief CV. In addition, each participant is requested to submit a short description of an educational case/problem for presentation and discussion during the School. Applications are accepted until 30 April 2006; for late application check with the administrative secretariat. Participants will be selected by the ESCMID Education Committee. Registration will be confirmed by 12 May 2006 at the latest.

## Case Study

Participants are requested to submit a case or problem as part of the application for attending the 5<sup>th</sup> ESCMID School. It should come from the professional experience of the applicant, be of practical relevance and have some educational value. The description should not exceed 2500 characters.

## CME Accreditation

The organisers of the 5<sup>th</sup> ESCMID School will apply for European CME accreditation through EBAID/EACCME.

## Further Information

For more detailed information about the organisation of the ESCMID School and the educational programme please see [www.escmid.org/education](http://www.escmid.org/education). From early June onwards, this site will also feature educational material for downloading by the participants.

## Contacts

### For the scientific programme:

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