



Target Audience

Microbiologists, basic research scientists, infectious disease physicians, pharmacologists, clinicians, and public health officers.

ESCMID Attendance Grants

ESCMID provides a number of attendance grants for young attendees (born in 1969 or later) covering the tuition fee, but no travel or accommodation costs. Applicants should send the application form, a short CV with a cover letter indicating their motivation for attending the event and their ESCMID or affiliated society membership number (if applicable) by 1 September 2009 to the conference secretariat. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 10 September 2009.

CME Accreditation

The organizer of the conference will apply for European CME accreditation.

Contact

Local Conference Coordinator

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Conference Secretariat

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Scientific pictures on front page:

Chest CT scan showing septic pulmonary emboli and microtiter plate with modified nitrocefin test, courtesy of Professor Winfried V. Kern, Freiburg.

Picture on the inside:

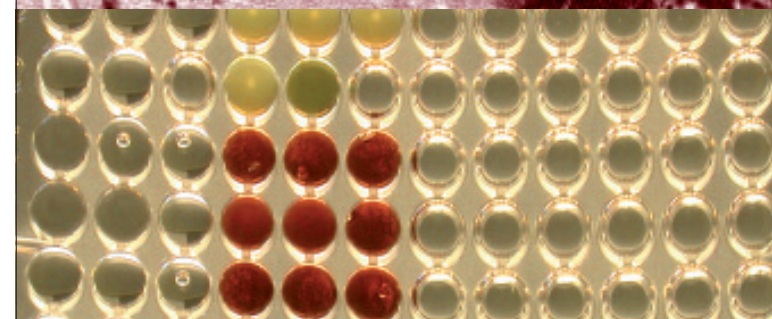
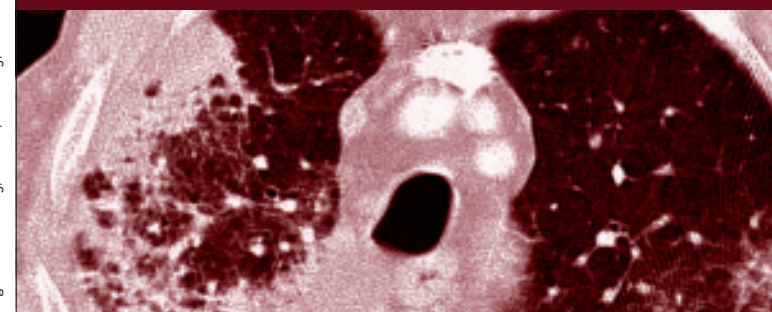
Historical Merchant's Hall, Freiburg

SECOND
ANNOUNCEMENT

ESCMID Conference

Antibiotic Treatment Failure in the Absence of Bacterial Resistance

Freiburg, Germany
25 – 27 October 2009



Antibiotic Treatment Failure in the Absence of Bacterial Resistance

Organizing Committee

Fernando Baquero, Madrid, ES
Javier Garau, Barcelona, ES
Winfried V. Kern, Freiburg, DE
Bruce Levin, Atlanta, US

Conference Objectives

This conference is intended to be a forum for presenting and discussing, in a multi-disciplinary approach, personal ideas, perspectives, and overviews of and speculations about the topic under consideration including the most recent and perhaps unpublished research findings.

The conference will focus on ideas and findings behind mechanisms and effects of non-inherited antibiotic resistance. Approaches to mitigate the effects of non-inherited resistance factors will be addressed.

Conference Venue

Historical Merchant's Hall, Freiburg, DE
www.historischeskaufhaus.freiburg.de

Freiburg is located in the most southwestern part of Germany, near the French and Swiss border, one hour from the international airports of Basel, CH, or Strasbourg, FR, and two hours from Frankfurt/Main, DE, or Zurich, CH.

Scientific Programme

Sunday, 25 October 2009

- 17:00 Welcome and introduction to the conference
- 17:15 Bacterial physiology in laboratory cultures and inside the host: resemblances and differences. Fernando Baquero
- 17:45 Treatment failure in the absence of resistance: a historical perspective and examples. Javier Garau
- 19:00 Welcome reception

Monday, 26 October 2009

- 9:00 A critical perspective on the PK/PD approach to the 'rational' design of antibiotic treatment. Johan W. Mouton
- 9:45 Mathematical models of the within-host dynamics of antibiotic treatment and acquired resistance. Bruce Levin
- 10:30 Coffee break
- 11:00 Antibiotic refractory subpopulations in otherwise growing populations: tolerance and persistence. Nathalie Balaban
- 11:45 Reduced antibiotic efficacy – the effects of cell density and physiological state. Klas Udekwi
- 12:30 Lunch break
- 14:30 How do antibiotics kill bacteria? Michael A. Kohanski
- 15:15 Antibiotic refractory subpopulations – structure and location: biofilms and sanctuaries. Anders Folkesson
- 16:00 Coffee break
- 16:30 Cryptic antibiotic resistance: lowly expressed, specific mechanisms of resistance. Rafael Cantón
- 17:15 Cryptic antibiotic resistance: the intrinsic resistome. José Luis Martínez

Tuesday, 27 October 2009

- 9:00 Antibiotic resistance in the absence of treatment failure: an epidemiological and clinical perspective. Winfried V. Kern
- 9:45 The contribution of non-inherited resistance to acquired (genetic) resistance arising during the course of treatment. Karl Drlica
- 10:30 Coffee break
- 11:00 Estimating bacterial mutability: a predictor for antibiotic resistance? Antonio Oliver
- 11:45 Antibiotic treatment failure in the absence of resistance: a pharmacological and clinical perspective. Speaker to be confirmed
- 12:30 The role and achievements of susceptibility testing in predicting antibiotic failures. Gunnar Kahlmeter
- 13:15 Lunch break
- 14:30 The antibiotics that we need. Marc Lemonnier
- 15:00 Group Discussion – Moderator: Javier Garau
 - What is the importance of failures in the absence of resistance?
 - What can be done to reduce the likelihood of treatment failure in the absence of resistance?
 - Which tests could be envisaged to predict failure during therapy?
- 16:00 End of conference

Organization

Application Procedure

The application form can be found on the ESCMID website at www.escmid.org/conferences. Please return it to the conference secretariat by 21 September 2009.

Tuition Fee

ESCMID members: EUR 400
Non-members: EUR 700

The tuition fee includes the scientific sessions, printed conference material, lunches and coffee breaks, but not travel and accommodation costs.