



Target Audience

20 – 25 infectious diseases and clinical microbiology specialists, PhD students and clinicians interested in intracellular pathogens and infections.

Faculty Members

Richard Birtles, Liverpool, UK
Idir Bitam, Algiers, Algeria
Ali Bouattour, Tunis, Tunisia
Philippe Brouqui, Marseille, France
Marina Eremeeva, Atlanta, US
Pierre Edouard Fournier, Marseille, France
Achilleas Gikas, Heraklion, Greece
Gilbert Greub, Lausanne, Switzerland
Naoufel Kaabia, Sousse, Tunisia
Amel Letaief Omezzine, Sousse, Tunisia
Nadjet Mouffok, Oran, Algeria
Anna Psaroulaki, Heraklion, Greece
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Contact

Local Course Coordinator

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Pictures inside:

Intracellular *Rickettsia conorii*, Gimenez stain, courtesy of Didier Raoult.
Rickettsia conorii in clinic, courtesy of Amel Letaief Omezzine.



SOCIÉTÉ TUNISIENNE DE
PATHOLOGIE INFECTIEUSE



FACULTÉ DE MÉDECINE IBN
EL JAZZAR DE SOUSSE



ESCAR

European Society of Clinical Microbiology and Infectious Diseases

ESCMID STUDY GROUP FOR
COXIELLA, ANAPLASMA,
RICKETTSIA AND BARTONELLA



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AND INFECTIOUS DISEASES



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ESCMID Postgraduate
Education Course

**Intracellular Bacteria:
from Biology to Clinic**

**Sousse, Tunisia
2 – 5 November 2010**



Intracellular Bacteria: from Biology to Clinic

Organizers

ESCMID Study Group for *Coxiella*, *Anaplasma*,
Rickettsia and *Bartonella* (ESCAR)
Société Tunisienne de Pathologie
Infectieuse (STPI)
Faculté de Médecine Ibn El Jassar de Sousse
(FMS)

Course Coordinators

Amel Letaief Omezzine, Sousse, Tunisia
Gilbert Greub, Lausanne, Switzerland
Achilleas Gikas, Heraklion, Greece
Mohamed Chakroun, Monastir, Tunisia
Naoufel Kaabia, Sousse, Tunisia

Course Objectives

- Review the present knowledge on microbiology and epidemiology of *Coxiella*, *Anaplasma*, *Rickettsia* and *Bartonella* infections and their vectors.
- Be able to diagnose and treat these infections.
- Understand the limits and advantages of the approaches routinely used for the diagnosis of these intracellular bacteria.
- Demonstrate through interactive sessions the steps to diagnose and treat rickettsial diseases.

Course Programme

Lectures will be held in the mornings, the afternoons are reserved for practical courses in two groups and interactive clinical case sessions.

Plenary Lectures:

- Bacteriology, taxonomy and phylogeny of *Rickettsia*
- *Rickettsia*: lessons from genomics
- Pathogenesis, immunity and pathophysiology of rickettsial diseases
- Bio-ecology of vectors of rickettsial diseases
- Ecology / epidemiology of *Bartonella* and *Anaplasma*
- Spotted fever group rickettsioses
- Bacteriology and immunity of *Coxiella burnetii*
- Q fever
- Molecular diagnosis of intracellular bacteria
- Diagnostic strategy for intracellular pathogens
- Surveillance of rickettsioses

Interactive clinical cases

Practical sessions:

- Conventional diagnostic methods for rickettsial diseases
- Preparation of specimens for culture and histopathological processing

Organization

Course Venue

Tej Marhaba Hotel, Sousse, Tunisia

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 17 September 2010.

Registration Fee

EUR 540 for ESCMID members
EUR 590 for all others
The fee includes accommodation (5 days, with breakfast), documentation materials and a half day social programme.

Attendance Grants

ESCMID provides a number of attendance grants for young attendees (born in 1970 or later) covering the registration fee, but not travel costs. Please apply via the ESCMID website at www.escmid.org/education before 1 September 2010. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 8 September 2010.