



### Target Audience

Up to 50 clinical microbiologists of routine and expert labs involved in drug resistance investigation, physicians in charge of patients suffering from MDR-TB or emergent NTM infections, public health officers involved in TB control and surveillance, or in health-acquired infections (HAI) due to NTM.

### Faculty Members

Emmanuelle Cambau, Paris, France  
Charles Daley, Denver, CO, United States  
Jon Friedland, London, United Kingdom  
Delia Goletti, Rome, Italy  
Lorenzo Guglielmetti, Verona, Italy  
Mateja Jankovic, Zagreb, Croatia  
Vincent Jarlier, Paris, France  
Vera Katalinic-Jankovic, Zagreb, Croatia  
Tanil Kocagoz, Istanbul, Turkey  
Christoph Lange, Borstel, Germany  
Alberto Matteelli, Brescia, Italy  
Marc Mendelson, Cape Town, South Africa  
Mark Nicol, Cape Town, South Africa  
Dimitrios Papaventsis, Athens, Greece  
Cristina Popa, Bucharest, Romania  
Francesca Sanchez, Barcelona, Spain  
Miguel Santin, Barcelona, Spain  
Thomas Schon, Linköping, Sweden  
Wladimir Sougakoff, Paris, France  
Jakko Van Ingen, Nijmegen, Netherlands  
Nicolas Veziris, Paris, France  
Miguel Viveiros, Lisbon, Portugal  
Dirk Wagner, Freiburg, Germany  
Christian Weijse, Aarhus, Denmark  
Ljiljana Zmak, Zagreb, Croatia

## Contact

### Contact Person (Scientific Programme)

Vincent Jarlier  
Laboratoire de Bacteriologie  
Hopital Pitié-Salpêtrière  
47, boulevard de l'hôpital  
75013 Paris  
France

Phone +33 142 162 070  
vincent.jarlier@aphp.fr

### Administrative Secretariat

Mateja Jankovic  
University Hospital Center Zagreb  
Department for Respiratory Diseases  
Jordanovac 104  
10000 Zagreb  
Croatia

Phone +385 98 812 622  
mateja.jankovic@gmail.com

**Scientific picture:** Mycobacterial infection as shown by smear-positive specimen with acid-fast bacilli.  
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EUROPEAN SOCIETY  
OF CLINICAL MICROBIOLOGY  
AND INFECTIOUS DISEASES

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MANAGING INFECTIONS  
PROMOTING SCIENCE

ESCMID Postgraduate  
Education Course

## Difficult-to-Treat Mycobacterial Infections

Brac, Croatia  
28 – 30 September 2016



# ESCMID Postgraduate Education Course

## Difficult-to-Treat Mycobacterial Infections

### Organizers

- ESCMID Study Group on Mycobacterial Infections (ESGMYC)
- Croatian Society on Clinical Microbiology of the Croatian Medical Association

### Course Coordinators

- Emmanuelle Cambau, Paris, France
- Mateja Jankovic, Zagreb, Croatia
- Vincent Jarlier, Paris, France
- Vera Katalinic-Jankovic, Zagreb, Croatia
- Arjana Tambic, Zagreb, Croatia

### Course Objectives

This course will be devoted to the management of difficult-to-treat mycobacterial infections including MDR- and XDR-TB and emergent non-tuberculous mycobacteria (NTM) infections such as those due to *M. abscessus*, *M. chelonae* and *M. chimaera*. The different problems in diagnosing and treating these infections will be analyzed from the technical and organizational aspects including the setting of inter-professional consensus. Clinical microbiologists and physicians specialized in mycobacterial infections will present the specific strategies followed in various epidemiological settings.

## Course Programme

### Diagnosis of MDR-TB

- Direct bacteriological TB diagnosis
- Antituberculous agents: mechanisms of action and resistance
- Rapid genotypic detection of resistance
- Whole genome sequencing for detection of resistance traits
- Phenotypic testing for second line antituberculous agents
- Strategies for the detection of multidrug resistance

### Treatment and management of MDR-TB

- Second line antituberculous agents: principles for use
- Principles for MDR-TB treatment design
- Residual activity of antituberculous agents on strains with resistant traits
- Concept, principles and practice of TB consensus for personalized treatment
- Outcome endpoints and follow-up of patients treated for MDR-TB
- Prevention of side effects and toxicity
- Recurrent and chronic cases
- Specific populations: migrants, co-infections

### Prevention of MDR-TB in population-based conditions

- Prevention of MDR-TB cross-transmission
- Chemoprophylaxis
- Immunity-based prevention and diagnosis
- Biosafety and security
- Challenges for the TB reference labs (setup, accreditation, management)
- Surveillance of MDR-TB: from region to Europe
- Molecular tools for MDR-TB epidemiology

### Multi-resistant non-tuberculous mycobacteria (NTM)

- Difficult-to-treat NTM community-acquired infections
- Difficult-to-treat NTM health care-associated infections
- NTM and risks of infections associated with trend behaviour and lifestyle

## Organization

### Course Venue

Hoteli Svpetrvs (Waterman resorts)  
Put Vele Luke 4  
21400 Supetar, Island of Brac, Croatia

Phone +00 385 (0) 21 631 133  
Fax +00 385 (0) 21 631 344  
info@watermanresorts.com  
www.svpetrvs.com

### Registration Procedure

Register now online on the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education). Registration deadline is 15 August 2016.

### Registration Fee

Package 1: EUR 700 for ESCMID members (Full Membership/Young Scientist Membership) EUR 900 for all others

The registration fee covers the scientific sessions, course bag and materials, coffee breaks, lunches and welcome reception. Accommodation and travel are not included.

Package 2: EUR 900 for ESCMID members (Full Membership/Young Scientist Membership) EUR 1'200 for all others

The registration fee covers the scientific sessions, course bag and materials, coffee breaks, lunches, welcome reception, 4 hotel nights (27 – 30 September in single room), dinners (27 – 30 September), local transfers (Split airport – hotel – Split airport) and tourist taxes. Travel is not included.

### Attendance Grants

ESCMID provides a number of attendance grants for ESCMID "young scientist members". The grant covers the registration fee (package 2). Travel is not included. Please apply via the ESCMID website at [www.escmid.org/education](http://www.escmid.org/education) before 15 July 2016. Applicants will be informed about their acceptance by 29 July 2016.

### CME Accreditation

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