



Contact

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ESCMID Postgraduate
Education Course

Tuberculosis and Mycobacterial Infections: An Educational Update

Singapore
26 – 28 September 2019



ESCMID Postgraduate
Education Course

Tuberculosis and Mycobacterial Infections: An Educational Update

Organisers

- ESCMID Study Group for Mycobacterial Infections (ESGMYC)
- Society of Infectious Disease (Singapore)

Course Coordinators

- Jon S Friedland, London, United Kingdom
- Delia Goletti, Rome, Italy
- David Lye, Singapore
- Catherine Ong, Singapore
- Paul Tambyah, Singapore

Course Objective

The aim of the course is to provide an educational update on the topic of tuberculosis and to a lesser extent other mycobacterial infections in South-East Asia. Tuberculosis remains the infectious disease with the single greatest mortality worldwide and the majority of cases are in Asia.

The specific education aims are:

- To provide an update on the latest thinking in the management, diagnosis and treatment of tuberculosis.
- To introduce aspects of the immune response to tuberculosis as relevant to the potential development of new diagnostics and host directed therapies.
- To outline recent developments in the management of non- tuberculous mycobacteria commonly found in South-East Asia.

Target Audience

Up to 200 established and training doctors, infectious diseases physicians, clinical microbiologists, allied healthcare and scientists with an interest in tuberculosis and other mycobacterial diseases.

Faculty Members

Sylvie Alonso, Singapore
Sophia Archuleta, Singapore
Emmanuelle Cambau, Paris, France
Cynthia Chee, Singapore
Alex Cook, Singapore
Jon Friedland, London, United Kingdom
Delia Goletti, Rome, Italy
Li Yang Hsu, Singapore
Tauhidul Islam, Philippines
Vernon Lee, Singapore
Yee Sin Leo, Singapore
Catherine Ong, Singapore
Rick Ong, Singapore
Nick Paton, Singapore
Kevin Pethe, Singapore
Chew Swee Seow, Singapore
Amit Singhal, Singapore
Li Hwei Sng, Singapore
Paul Tambyah, Singapore
Guy Thwaites, Ho Chih Minh City, Vietnam
Reinout Van Crevel, Nijmegen, Netherlands
Tsin Wen Yeo, Singapore

Course Programme

Thursday, 26 September 2019

- 13:00 Registration
13:20 Opening Remarks

Session 1: The Epidemiology of TB

- Chair *Jon S Friedland*
13:30 Epidemiology of TB in Singapore and TB control efforts.
Vernon Lee
14:00 The Global and Regional experiences and the End TB Strategy.
Tauhidul Islam
14:30 TB and migration.
Alex Cook
15:00 TB Biomarkers.
Delia Goletti
15:30 Refreshment break

Session 2: Pathology of tuberculosis

- Chair *Catherine Ong*
16:00 Host immune defence in tuberculosis, a clinical perspective.
Reinout van Crevel
16:40 Physiology and pathology of TB.
Jon S Friedland
17:30 Question-and-Answer Session, light refreshments and networking

Friday, 27 September 2019

Session 3: Diagnosing Tuberculosis

- Chair *Sophia Archuleta*
09:00 Understanding the use of interferon assays.
Delia Goletti
09:30 The role of the microbiology laboratory.
Emmanuelle Cambau
10:00 Refreshment break

Session 4, Part 1: Treating TB and delivering care

- Chair *Tsin Wen Yeo*
10:30 Whole Genome Sequencing in TB.
Li Yang Hsu, Rick Ong
11:00 Public health and social aspects of TB management.
Alex Cook
11:30 Lunch break, poster judging

Session 4, Part 2: Treating TB and delivering care

- Chair *Emmanuelle Cambau*
12:30 Managing drug-resistant TB.
Cynthia Chee
13:00 Extra-pulmonary TB.
Tsin Wen Yeo
13:30 CNS-TB.
Guy Thwaites

Session 5: Update on the cutting edge of TB science

- Chair *Sylvie Alonso*
14:00 Clinical trials in TB.
Nick Paton
14:20 Host-directed therapy in TB.
Amit Singhal
14:40 New kids on the block.
Kevin Pethe
15:00 Refreshment break

Session 6: Complex patients: Case-based discussions

- Chair *Delia Goletti*
15:30 TB and HIV.
Yee Sin Leo
16:00 TB and DM.
Reinout Van Crevel
16:30 Managing TB in the immunocompromised.
Catherine Ong
17:00 Challenging TB cases in Asia.
Guy Thwaites

Saturday, 28 September 2019

Session 7: Debate

- Chair *Catherine Ong*
09:00 Topic – The focus in TB must be on research in diagnostics and treatment, not social aspects of the disease.
Proposed by Paul Tambyah
Opposed by Jon S Friedland
10:00 Refreshment break

Session 8: Non-tuberculous mycobacteria

- Chair *Paul Tambyah*
10:30 Microbiological diagnosis.
Emmanuelle Cambau
11:00 An update on the diagnosis and management of non-tuberculous mycobacterial infections - Perspectives from the Singapore laboratory
Li Hwei Sng
11:30 Leprosy.
Chew Swee Seow
12:00 Closing remarks, poster prize presentation, lunch and future planning

Call for abstracts

The organisers invite abstracts for poster presentations.
For more information please visit
<https://escmid-sids.wizlink.com.sg>.

Closing Date: 25 July 2019

Organisation

Course Venue

National University of Singapore
Yong Loo Lin School of Medicine
Clinical Research Centre Auditorium
MD11
10 Medical Drive
Singapore 117597

Registration Procedure

The registration portal can be found on the ESCMID website at www.escmid.org/education. Please complete it by 25 August 2019.

Registration Fee

- EUR 250 for ESCMID members
- EUR 300 for all others

The registration fee includes the scientific sessions, teaching materials, course refreshment breaks and lunches, and evening refreshments on Day 1 of the course. Travel and accommodation are not included but advice shall be provided.

Attendance Grants

ESCMID provides a number of attendance grants for ESCMID «young scientist members». The grant covers the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website at www.escmid.org/education before 28 June 2019. Applicants will be informed about their acceptance by 12 July 2019.

SIDS provides complimentary registrations to the top 10 abstracts from low/lower middle-income countries. Please apply via the abstract submission website at:
<http://www.escmid-sids.wizlink.com.sg>.

CME Accreditation

The organiser of the course will apply for European CME accreditation through EACCME and Singapore CME accreditation through Singapore Medical Council.