Interactive Course on Tuberculosis at times of emerging drug resistance

May 27–29, 2010
Borstel, Germany

CELEBRATING 20 YEARS OF ERS

Study with the experts

Reserve your place now
Space is limited
Aims:
At the end of the training participants will be able to:
- Apply key epidemiological concepts to clinical practice
- Use new skills to diagnose tuberculosis (TB) infection and disease in adults and children
- Use new skills to treat latent TB infected individuals and drug-susceptible TB cases (adults and children)
- Understand the principles underlying treatment of multi-drug resistant TB cases
- Draft a scientific article and look critically at published studies on TB
- Identify the priority areas for research and draft research protocols
- Build up networks of clinicians and scientists in TB care and research
- Identify and use the principles of career advice, planning and developing networks

Topics:
- Clinical epidemiology (including practical session)
- Diagnosis of TB infection and disease (including discussion of true cases provided by both facilitators and participants) in adults and children
- Treatment of TB infection and disease (inclusive of drug resistant TB and including discussion of true cases provided by both facilitators and participants)
- Basics of writing a scientific article and critical appraisal of published literature (including practical exercise)
- Principles for writing a research protocol (including practical exercise) based on research priorities
- Career advice including role of the mentor; Plan and development of networks

Target audience:
- Clinicians in training with an interest in respiratory medicine/infectious diseases
- Microbiology specialists
- Clinical immunologist
- Clinical epidemiologists
- Internal medicine specialists

Format:
- Lectures
- Exercises
- Pro and Con debates
- Case presentations prepared by participants using a standard format
- Panel discussion
- Career advice sessions

HERMES syllabus links: B.4: Tuberculosis

Organising Committee
Christoph Lange (Borstel, Germany)
Giovanni Battista Migliori (Tradate, Italy)
Giovanni Sotgiu (Sassari, Italy)

Invited Faculty
Graham Bothamley (London, United Kingdom)
Jose Dominguez (Barcelona, Spain)
Delia Goletti (Rome, Italy)
Gunar Günther (Borstel, Germany)
Beate Kampmann (London, United Kingdom)
Stefan Niemann (Borstel, Germany)
Pernille Ravn (Hvidovre, Denmark)
Sabine Rüsch-Gerdes (Borstel, Germany)
Martina Sester (Hamburg, Germany)
Jean-Pierre Zellweger (Bern, Switzerland)
Borstel is a village in the district of Bad Segeberg, in Schleswig-Holstein, Germany. Borstel is known for the Research Center Borstel that was founded in 1947 as a research institute with the main focus on tuberculosis and leprosy. The medical clinic of the Research Center has a special ward for the care of patients with tuberculosis.

Case presentations
You are strongly encouraged to submit cases for discussion during the case review period. For easy submission, please follow the steps below:

☐ TB should be the theme of the case study
☐ Prepare your case study in a Word document of < 200 words.
☐ Give a clear description of the patient including the clinical manifestations and any radiological pictures or pathological findings
☐ Include all images pertaining the case study within the document
☐ State the questions which you would like to be discussed by the participants
☐ If your case study is selected, you will be asked to prepare a short PowerPoint presentation with a maximum of five slides. Therefore, please make sure your contact details are mentioned.
☐ Cases can be submitted either by fax +41 21 213 01 00 or sent as an email attachment to school@ersnet.org by March 26, 2010

Bursaries (Available to ERS and TB PAN-NET Members only)
A limited number of bursaries, covering either full attendance or registration only, will be available to selected applicants under 40 years of age who are members of the ERS and TB PAN-NET and from countries with economies in transition. Selection from the pool of applicants will be made by the organising committee based on the submission of:

☐ Curriculum Vitae.
☐ A one page personal statement explaining how you would apply the knowledge gained from this course.

Applications should be submitted with a completed registration form, by fax: +41 21 213 01 00. The deadline for applications for bursaries is March 26, 2010. Applicants will be notified of selection results by April 30, 2010.

Course Venue
Research Center Borstel, Parkallee, 23845 Borstel, Germany

Hotel information
For your convenience, the ERS has booked a limited number of rooms for the participants at the Vitalia Seehotel Bad Segeberg Hotel (www.vitaliaseehotel.de)
Registration deadline: 
May 7, 2010
Early registration deadline:
March 26, 2010

Space is limited - Reserve your place now

First Name ........................................ Last Name ........................................

Date of Birth ........................................ ERS/TB PAN-NET Membership No. .................

Address ........................................................

Postal Code ........................................ City ........................................

Country ....................................................

Degree ..................................................... Specialty ........................................

Phone .................................................... Fax ........................................

E-Mail ......................................................

Voucher n° ........................................ Valid until ........................................

Current position:
Please check the appropriate boxes below to indicate your choice:
☐ Trainee or fellow
☐ Prof or Dr in University
☐ Dr in general hospital or affiliate
☐ Dr in private practice hospital

Fees:
Please check the appropriate boxes below to indicate your choice:
☐ ERS/TB PAN-NET Members*: € 170
☐ Non- Members*: € 200

*Please note that Associate ERS Members are NOT eligible for the discounted (€170) registration fee

Early Registration discount - € 20 off for forms received by March 26, 2010

Should you wish to apply for a bursary, you are still required to complete a registration form and indicate the
category of payment that applies to you. Submit your bursary application together with your registration form.
Applicants not sponsored, will not have their registration fee deducted before they return the confirmation of
attendance form that will be sent out after selections have been made. The deadline for application for bursaries is
March 26, 2010.

Payment: Total Amount: € ......................

Credit Card: ☐ Visa ☐ Euro/MasterCard

Credit Card number ........................................

valid until m m y y

CVV2 Code (3 last digits at the back of your card) □ □ □
This course will be limited to 80 participants. Applications will be accepted on a “first-paid, first-served” basis. You will receive acceptance and confirmation by e-mail. Upon receipt of a written cancellation, a refund of fees will be applied up to 4 weeks before the course. After this date no refund will be made for cancellations.

Please note: the ERS will not directly debit any deposit or penalty payments from your credit card for your hotel booking. All payment information submitted will be supplied to the hotel, which will charge you directly. The ERS will only act as a customer service intermediary between the hotels and the participants. The ERS will not bear any liability, nor financial responsibility towards the hotels, nor the participants.
Thursday, May 27, 2010

Morning

Course presentation: discussion of learning objectives, revision of training materials
Clinical TB and MDR-TB epidemiology
An exercise on TB clinical epidemiology: what are the indicators suggesting?
Microbiological diagnosis of TB
Pro and Con session on bronchoscopy for TB diagnosis by 2 participants

Afternoon

Discussion of 3 cases by participants
Image diagnosis of TB
Exercises on CXR reading

Friday, May 28, 2010

Morning

Immunodiagnosis of TB
Value of TB immunodiagnostic tests in immunocompromised hosts (case-scenarios)
Treatment of LTBI including contacts of patients with MDR-TB
Pro and Con session on LTBI treatment by 2 participants

Afternoon

Principles for designing a TB and MDR-TB drug regime
TB in children
Discussion of 3 cases by participants
Constrains and common mistakes in TB and MDR-TB clinical trials
Saturday, May 29, 2010
Morning
S. Günther, M. Sester
G. Sotgiu
G.B. Migliori
B. Kampmann, G. Sotgiu
M. Sester, P. Ravn

How to write a research protocol
Simple statistics for clinicians on respiratory research
How to write a manuscript
Pro and Con session on priorities for treatment trials in MDR/XDR TB by 2 participants
Group discussion on research priorities in TB

Afternoon
G.B. Migliori, C. Lange
C. Lange

Career advice and role of the mentor
Course evaluation and closure
ERS School Course Series 2009

- Lung transplantation
  Leuven, Belgium | June 18–20
- GRACE Workshop
  Rome, Italy | October 23–24
- Medical aerosols
  Amsterdam, The Netherlands | November 12–14

ERS School Course Series 2010

- Clinical exercise testing
  Rome, Italy | February 25–27
- Cystic fibrosis: basic
  Rotterdam, The Netherlands | March 18–20
- Occupational respiratory disease for the clinician
  Izmir, Turkey | May 6–8
- Tuberculosis at times of emerging drug resistance (TB PAN-NET)
  Borstel, Germany | May 27–29
- Noninvasive positive pressure ventilation
  Hanover, Germany | October 7–9

For more information, please visit: www.ersnet.org/schoolcourses

TB PAN-NET is a major European translational research consortium of 27 partners funded by the European Commission’s Seventh Framework Programme for Research (FP7) that addresses the challenge of multidrug-resistant tuberculosis. Please visit the TB PAN-NET website at www.tbpannet.eu for more information.

TBNET

TBNET is an European research peer group in the field of tuberculosis. Recent results from TBNET have an important impact on the diagnosis and treatment of patients with tuberculosis, including patients with MDR-TB and XDR-TB. TBNET is a clinical research collaboration of the ERS. Please visit the TBNET website at www.tb-net.org for more information.