



Contact

Administrative Secretariat

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Picture inside: Microscopic pictures from upper left to lower right of *Plasmodium*, *Microsporidia* (small and large picture), *Toxoplasma*, *Giardia*, *Schistosoma*; a Rapid Diagnostic Test and the Triple Feces Test, by courtesy of T. van Gool.



ESCMID Postgraduate Technical Workshop

Postgraduate Workshop in Clinical Parasitology

Amsterdam,
 The Netherlands
 7 – 11 June 2010

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Registered Society, Munich, Germany, No. 10956



ESCMID Postgraduate Technical Workshop

Postgraduate Course in Clinical Parasitology

Organizers

ESCMID Study Group for Clinical Parasitology (ESGCP)

Course Coordinators

T. van Gool, Amsterdam, The Netherlands
 F. Derouin, Paris, France
 B. Evengård, Umea, Sweden

Course Objectives

The course focuses on parasitic infections of importance for routine clinical practice in European countries, including the most frequently imported parasitic infections in migrants and travellers. Experienced speakers will provide lectures with emphasis on clinical, diagnostic, therapeutic and epidemiological aspects. In addition, practical lessons will be provided, covering about 40% of the course, where diagnosis of the most important parasitic infections will be practiced.

Course Venue

Academic Medical Center,
 Amsterdam, The Netherlands

Target Audience

25 medical doctors, biologists or senior technicians interested and /or working in clinical parasitology.

Invited Faculty Members

A. Bart, Amsterdam, The Netherlands
 F. Derouin, Paris, France
 P. Kager, Amsterdam, The Netherlands
 T. Kortbeek, Bilthoven, The Netherlands
 T. Mank, Haarlem, The Netherlands
 C. Sarfati, Paris, France
 A. Sulahian, Paris, France
 T. van Gool, Amsterdam, The Netherlands
 S. van Nieuwenhove, Bertum, Belgium
 M. van Vugt, Amsterdam, The Netherlands

Course Technicians

P. E. Broekhuizen
 H. Gilis
 C. van de Meer
 J. M. Nieuwendijk
 G. L. van Boetzelaer
 N. Verhaar
 C. J. A. Wassenaar
 E. Wentink
 C. M. Wolbers

Scientific Programme

Day 1: Malaria

- 09.30 Introduction to the course, Clinical Parasitology and European perspective. T. van Gool
- 09.45 Malaria: life cycle and epidemiology. T. van Gool
- 10.30 Break
- 10.45 Malaria: pathogenesis and clinical aspects. T. van Gool
- 11.30 Movie: Malaria: vector control and artemisinin-based therapy
- 12.00 Lunch
- 13.00 Introduction to malaria diagnosis. T. van Gool
- 13.30 Introduction to practical: microscopic diagnosis of malaria. T. van Gool
- 14.45 Break
- 15.00 Practical I: microscopic diagnosis of malaria (spot-test)
- 16.00 Break
- 16.15 Practical II: demo of rapid diagnostic tests
- 17.00 End of day

Day 2: Malaria

- 09.30 Prevention and therapy of malaria. M. van Vugt
- 10.30 Break
- 10.45 Rapid diagnostic tests for diagnosis of malaria. T. van Gool
- 11.45 Break
- 12.00 Molecular diagnosis of malaria. A. Bart
- 12.30 Lunch
- 13.15 Practical III: preparation of slides and different methods of staining
- 14.30 Break
- 14.45 Practical IV: self-study with malaria cases & demo of molecular diagnostics of malaria
- 17.00 End of day

Day 3: Blood and tissue parasites

- 09.30 Trypanosomiasis. S. van Nieuwenhove
- 10.30 Break
- 10.45 Leishmaniasis. P. Kager
- 11.45 Break
- 12.00 Filariasis. A. Sulahian
- 13.00 Lunch
- 14.00 Practical V: microscopic diagnosis of *Leishmania*, *Trypanosoma* and *Filaria* (spot-test)
- Practical VI: demo of molecular diagnosis of *Leishmania* and of serodiagnosis of *Leishmania*, *Trypanosoma* and *Filaria*
- 15.30 Break
- 15.45 Toxoplasmosis in immunocompetent and immunocompromised hosts. F. Derouin
- 17.00 End of day

Day 4: Intestinal protozoal infections

- 09.30 Amoebiasis and giardiasis. T. Mank
- 10.30 Break
- 10.45 *Cryptosporidium* and *Cyclospora*. F. Derouin
- 11.45 Break
- 12.00 *Microsporidia*, *Dientamoeba* and *Blastocystis*. T. van Gool
- 13.00 Lunch
- 13.45 Molecular diagnosis of intestinal protozoa. A. Bart
- 14.30 Improved microscopic diagnosis of intestinal protozoa. T. van Gool
- 15.00 Practical VII: microscopic diagnosis of intestinal parasites (spot-test)
- 16.00 Practical VIII: demo of serological and molecular diagnosis of intestinal parasites & self-study microscopic diagnosis of intestinal parasites
- 17.00 End of day

Day 5: Intestinal helminth infections

- 09.30 Ascariasis, trichuriasis, hookworm infection and strongyloidiasis. A. Sulahian
- 10.30 Break
- 10.45 Enterobiasis and schistosomiasis. A. Sulahian
- 11.45 Break
- 12.00 Echinococcosis and cysticercosis. T. Kortbeek
- 13.00 Lunch
- 14.00 Practical IX: microscopic diagnosis of intestinal infections & demo of serological and molecular diagnosis
- 16.30 Closing ceremony and evaluation of the course
- 17.00 Farewell party

Organization

Application Procedure

The application form can be found on the ESCMID website at www.escmid.org/education. Please return it to the course administrative secretariat by 19 April 2010. Applicants will be informed about their acceptance by 10 May 2010.

Registration Fee

ESCMID members: 490 Euro
Non-members: 550 Euro

The fee includes lunches and documentation materials. It does not include travel and accommodation.

Attendance Grants

ESCMID provides a number of attendance grants for young attendees (born in 1970 or later) covering the registration fee, but not travel or accommodation costs. Please apply via the ESCMID website at www.escmid.org/education before 19 April 2010. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 10 May 2010.

CME Accreditation

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