

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 Course in Clinical Parasitology

**Amsterdam,
The Netherlands
8 – 12 June 2009**



ESCMID Postgraduate Technical Workshop

Postgraduate Course in Clinical Parasitology

Organized by the ESCMID Study Group for Clinical Parasitology (ESGCP).

Organizers

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

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 15 April 2009.

Tuition Fee

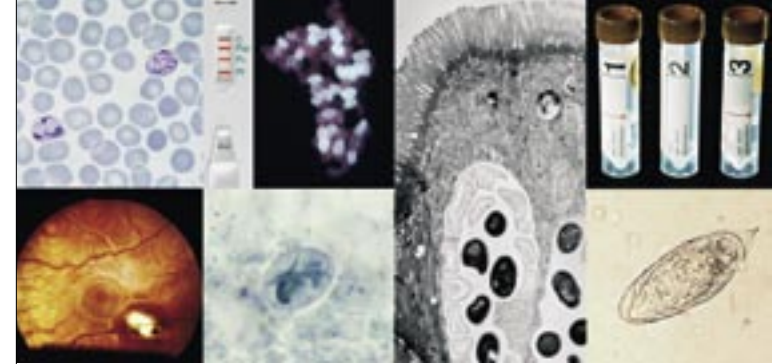
ESCMID members: 490 Euro
Non-members: 550 Euro
The fee includes lunches and documentation materials. It does not include travel and accommodation.

Attendance Grants

ESCMID provides a number of attendance grants for young attendees (born in 1969 or later) covering the tuition fee, but not travel or accommodation costs. Applicants should send the registration form, a short CV with a cover letter indicating their motivation for attending the event and their ESCMID membership number (if applicable) before 15 April 2009 to the administrative secretariat. If there are more applicants than available grants, preference will be given to ESCMID members. Applicants will be informed about their acceptance by 1 May 2009.

CME Accreditation

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



Target Audience

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

Faculty Members

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

Course Technicians

J.M. Nieuwendijk
P.E. Broekhuizen
H. Hofwegen
C.M. Wolbers
C.J.A. Wassenaar
G.L. van Boetzelaer

Scientific Programme

Day 1: Malaria

- 09.30 Introduction to the course, Clinical Parasitology and European perspective. *T. van Gool*
- 09.45 Malaria: essentials of 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 diagnosis of malaria, different methods in use. *T. van Gool*
- 13.30 Microscopic diagnosis of malaria. *T. van Gool*
- 15.00 Break
- 15.15 Practical I: preparation of slides and different methods of staining.
Self-study: microscopy of malaria slides.

Day 2: Malaria

- 09.30 Prevention and therapy of malaria. *P.P.A.M. van Thiel*
- 10.30 Break
- 11.00 Rapid diagnostic tests and molecular diagnosis of malaria. *T. van Gool* and *A. Bart*
- 12.15 Lunch
- 13.15 Practical II: demonstration of rapid diagnostic tests.
- 15.45 Break
- 16.00 Practical II: self-study: diagnosis of malaria with combination of rapid diagnostic tests and microscopy.

Day 3: Blood – and tissue parasites: clinical aspects, diagnosis and therapy

- 09.30 Trypanosomiasis. *S. van Nieuwenhove*
- 10.15 Break
- 10.30 Leishmaniasis. *P. Kager*
- 11.45 Break
- 12.00 Filariasis. *A. Sulahian*
- 13.00 Lunch
- 14.00 Practical III: diagnosis of *Leishmania*, *Trypanosoma* and *Filaria*
- 15.30 Break
- 15.45 Toxoplasmosis in immunocompetent and immunocompromised hosts. *F. Derouin*

Day 4: Intestinal protozoal infections: clinical, diagnostic and therapeutic aspects

- 09.30 Amoebiasis and Giardiasis. *T. Mank*
- 10.15 Break
- 10.30 *Cryptosporidium* and *Cyclospora*. *F. Derouin*
- 11.15 Break
- 11.30 *Microsporidia*, *Dientamoeba* and *Blastocystis*. *T. van Gool*
- 12.15 Lunch
- 13.15 Use of microscopy, antigen tests and molecular methods for diagnosis of intestinal protozoan infections.
T. van Gool and *A. Bart*
- 14.30 Introduction to practical: microscopic diagnosis of intestinal protozoa. *T. van Gool*
- 15.30 Practical IV: demonstration of various methods for diagnosis of intestinal protozoa.
- 16.15 Practica V: self-study microscopic diagnosis of intestinal protozoa.

Day 5: Intestinal helminth infections: clinical, diagnostic and therapeutic aspects

- 09.30 Ascariasis, trichuriasis, hookworm infection and strongyloidiasis. *A. Sulahian*
- 10.30 Break
- 10.45 Enterobiasis and schistosomiasis. *A. Sulahian*
- 11.30 Break
- 11.45 Echinococcosis and cysticercosis. *T. Kortbeek*
- 12.45 Lunch
- 13.45 Introduction to practical: microscopy and serology for diagnosis of intestinal helminth infections. *T. van Gool*
- 15.30 Practical VI: demonstration of serological methods and self-study of microscopic diagnosis of intestinal helminths
- 16.30 Closing ceremony and evaluation of the course