Target Audience
Medical doctors, biologists or senior technicians interested and/or working in clinical parasitology.

Faculty Members
Abraham Goorhuis, Amsterdam, Netherlands
Aldert Bart, Amsterdam, Netherlands
Florence Robert-Gangneux, Rennes, France
Jaap J. Hellemans, Rotterdam, Netherlands
Kees Stijnis, Amsterdam, Netherlands
Michèle van Yp, Amsterdam, Netherlands
Miri Alvarez-Martinez, Barcelona, Spain
Rachel M. Chalmers, Cardiff, United Kingdom
Thecla A.M. Hekker, Amsterdam, Netherlands
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Course Objectives
This course focuses on parasitic infections of importance for routine clinical practice in European countries, including the most frequent imported parasitic infections in migrants and travellers. Experienced speakers will provide lectures with emphasis on clinical, diagnostic, therapeutic and epidemiological aspects. In addition, practicals will be provided, covering about 40% of the course, in which diagnosis of most important parasitic infections, including malaria, Leishmania and intestinal parasites, will be practiced. The course is intended for medical doctors, biologists or senior technicians interested and/or working in clinical parasitology.
Course Programme

Monday, 8 June 2020
Malaria
09:00 – 09:45 Introduction
Tom van Goor
09:45 – 10:30 Lecture: Life cycle and epidemiology
Tom van Goor
10:30 – 10:45 Break
10:45 – 11:30 Lecture: Pathogenesis and clinical aspects
Tom van Goor
11:30 – 12:00 Movie: Vector control and artemisinin-based therapy
12:00 – 13:00 Lunch
13:00 – 13:30 Lecture: Introduction to diagnosis of malaria
Tom van Goor
13:00 – 13:30 Lecture: Microscopic diagnosis of malaria
Tom van Goor
14:45 – 15:00 Break
15:00 – 17:00 Practical: Technicians Amsterdam UMC
• Spot test microscopy: Malaria
• Demo: Rapid Diagnostic Tests: Malaria

Tuesday, 9 June 2020
Malaria & Acanthamoebiasis
09:00 – 09:45 Lecture: Acanthamoebiasis
Aldert Bart
09:45 – 10:45 Lecture: Prevention and therapy of malaria
Michiel van Vught
10:45 – 11:00 Lecture: Rapid tests for diagnosis of malaria
Tom van Goor
11:00 – 12:00 Break
12:00 – 12:15 Lecture: Molecular diagnosis of malaria
Aldert Bart
12:15 – 12:45 Practical: Molecular diagnosis of malaria
Aldert Bart
12:45 – 13:30 Lunch
13:30 – 17:00 Practical: Technicians AUMC
Aldert Bart
• Preparation of slides and different staining methods
• Self-study with malaria cases
• Demo: Molecular diagnosis of malaria

Wednesday, 10 June 2020
Blood- and Tissue parasites & Ectoparasites
09:00 – 09:45 Lecture: South-American Trypanosomiasis
Mireia Alvarez-Martinez
09:45 – 09:55 Break
09:55 – 10:25 Lecture: African Trypanosomiasis
Mireia Alvarez-Martinez
10:25 – 10:45 Break
10:45 – 11:45 Lecture: Leishmaniasis
Abraham Goorhuis
11:45 – 12:00 Break
12:00 – 13:00 Lecture: Toxoplasmosis
Florence Robert-Gangneux
13:00 – 14:00 Lunch
14:00 – 15:00 Lecture: Ectoparasites
Thecla Hekker
15:00 – 15:15 Break
15:15 – 17:15 Practical: Technicians Amsterdam UMC
Thecla Hekker
• Spot test: diagnosis of Leishmaniasis
• Spot test: diagnosis of Trypanosomiasis
• Demo: Serodiagnosis of Leishmaniasis, Trypanosomiasis and Filariasis
• Ectoparasites

Thursday, 11 June 2020
Intestinal protozoal infections
09:00 – 10:00 Lecture: Amoebiasis and Giardiasis
Theo Monk
10:00 – 10:30 Break
10:30 – 11:30 Lecture: Cryptosporidiosis and Cyclosporiasis
Rochel M. Chalmers
11:30 – 11:45 Break
11:45 – 12:45 Lecture: Microsporidiosis, infections by Dien-tamaebea fragilis and Blastocystis species
Tom van Goor
12:45 – 13:30 Lunch
13:30 – 14:45 Lecture: Improved microscopic and molecular diagnosis of intestinal protozoa
Tom van Goor / Aldert Bart
14:45 – 15:00 Lecture: Introduction to practicals
Tom van Goor
15:00 – 17:00 Practical: Technicians Amsterdam UMC
• Spot test: Intestinal parasites
• Microscopic diagnosis of intestinal protozoa
• Demo: Serodiagnosis of intestinal parasites

Friday, 12 June 2020
Helminth infections
09:00 – 10:00 Lecture: Ascariasis, Enterobiasis, Trichuriasis, Hookworm infection and Strongylidiasis
Theo Monk
10:00 – 10:15 Break
10:15 – 11:45 Lecture: Schistosomiasis and Cysticercosis
Jaap van Hellemont
11:45 – 12:00 Break
12:00 – 12:45 Lecture: Echinococcus
Kees Stinep
12:45 – 13:30 Lunch
13:30 – 16:30 Practical: Technicians Amsterdam UMC
• Microscopic diagnosis of intestinal infections
16:30 Closing ceremony and evaluation
17:00 Farewell Party

Organization
Course Venue
Amsterdam UMC
University of Amsterdam
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Registration Procedure
Register on the ESCMID website by 1 May, 2020

Registration Fee
EUR 600 for ESCMID members
EUR 700 for all others
The registration fee includes lunches, documentation materials and social events. It does not include travel and accommodation.

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 before 1 April 2020. Applicants will be informed about their acceptance by 20 April 2020

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