

Contact

Contact Person (Scientific Programme)

Caroline Rönnerberg

Public Health Agency of Sweden, Dept of Microbiology,
Unit for Parasitology
Nobels väg 18, 171 82 Solna, Sweden
Phone: +46 731 004 838
E-Mail: lc.ronnberg@gmail.com

Administrative Contact

Hanne Brekke

National Reference Centre for Molecular Parasitology
Diagnostics, Department of Microbiology, Oslo University
Hospital, Ullevål, Oslo, Norway
Postboks 4956 Nydalen, 0424 Oslo, Norway
Phone: +47 91563201
E-Mail: hanne.brekke@hotmail.com
habrek2@ous-hf.no

Registration Procedure

Register on the ESCMID website at
www.escmid.org/education by 2023

Registration fee

EUR 150 for ESCMID members
EUR 200 for non-members
EUR 50 for ESCMID Young Scientist members, for
trainees in pathology upon showing proof of
training status to lc.ronnberg@gmail.com
EUR 20 for participants from LMICs



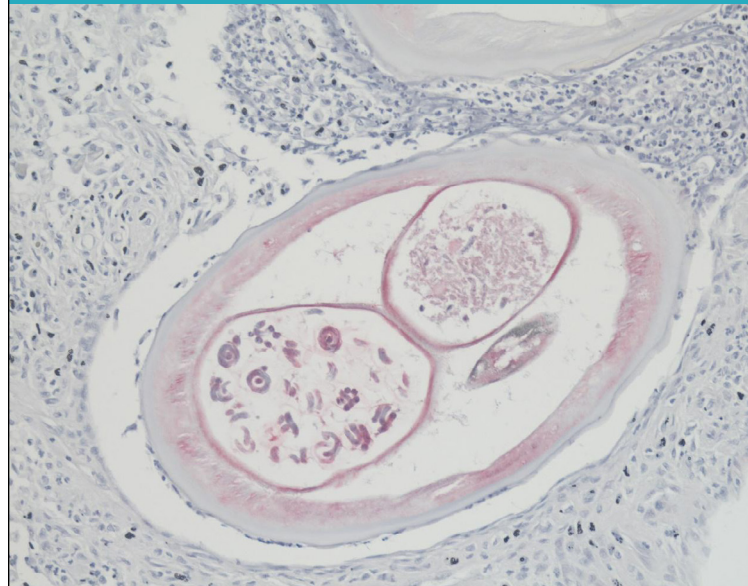
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ESCMID Postgraduate Online Course

Advanced course on histopathology of parasitic infections: when the past becomes the future

Online Course
10 – 11 October 2023



ESCMID Postgraduate Online Course

Organising Study Group
ESGCP

Other Organising Groups
European Society of Pathology

Course Coordinator
Caroline Rönnerberg, Stockholm, Sweden
Hanne Brekke, Oslo, Norway

Faculty Members
Audrey Schuetz, Rochester, US
Blaine Mathison, Salt Lake City, US
Bobbi Pritt, Rochester, US
Borghild Barth-Heyerdahl Roald, Oslo, Norway
Eyrun Kjetland, Pietermaritzburg, South Africa
Francesca Tamarozzi, Negar, Italy
Gamalenkosi Nhlonzi, Durban, South Africa
Gregor Gorkiewicz, Graz, Austria
Jean-Pierre Gangneux, Rennes, France
Meera Rajan Peter, Vellore, India
Peter Chiodini, London, UK
Richard Bradbury, Melbourne, Australia
Sitara Swarna Rao A, Vellore, India
Thomas Barth, Ulm, Germany
Ula Mahedeva, London, UK

Course Programme

Tuesday, 10 October 2023

- 08:45 – 08:50 **Welcome**
Caroline Rönnerberg
- 08:50 – 09:00 **Introduction – Why do we need microscopy?**
Interactive Session
Francesca Tamarozzi
- 09:00 – 09:30 **Trematodes of lungs and liver**
Interactive Session
Richard Bradbury
- 09:30 – 10:15 **Schistosoma spp**
Eyrun Kjetland, Borghild Barth-Heyerdahl Roald, Gamalenkosi Nhlonzi
- 10:15 – 10:30 **Break**
- 10:30 – 11:00 **Cestodes – Echinococcus spp**
Thomas Barth
- 11:00 – 11:30 **Cestodes – Taenia spp and other taeniids**
Interactive Session
Blaine Mathison
- 11:30 – 12:00 **Intestinal protozoa**
Audrey Schuetz
- 12:00 – 13:15 **Lunch Break**
- 13:15 – 14:00 **Nematodes**
Bobbi Pritt
- 14:00 – 14:30 **Wrapping-up parasites of the gut**
Interactive Session
Gregor Gorkiewicz
- 14:30 – 14:45 **Break**
- 14:45 – 15:15 **Wrapping-up parasites of the liver and other abdominal organs**
Interactive Session
Bobbi Pritt
- 15:15 – 15:45 **Q and A from sent in questions**

Wednesday, 11 October 2023

- 09:15 – 10:00 **Case studies of endo- and ectoparasites**
Meera Rajan Peter, Sitara Swarna Rao A
- 10:00 – 10:30 **Wrapping-up parasites of the brain and eye**
Interactive Session
Richard Bradbury, Blaine Mathison
- 10:30 – 10:45 **Break**
- 10:45 – 11:30 **When do you go for a biopsy? A clinical perspective**
Interactive Session
Peter Chiodini
- 11:30 – 12:15 **Trypanosomatidae**
Jean-Pierre Gangneux
- 12:15 – 13:30 **Lunch Break**
- 13:30 – 14:00 **Wrapping-up parasites of the lungs, heart and vessels**
Interactive Session
Ula Mahadeva
- 14:00 – 14:30 **Wrapping-up parasites of the skin and muscles**
Interactive Session
Audrey Schuetz
- 14:30 – 14:45 **Break**
- 14:45 – 15:30 **Case studies – a pathologists view**
Interactive Session
Gregor Gorkiewicz, Ula Mahadeva
- 15:30 – 16:00 **Discussion – how do we improve and maintain microscopy skills?**
Interactive Session
Lead by Francesca Tamarozzi with participation from speakers and questions in chat
- 16:00 – 16:15 **Concluding remarks**
Caroline Rönnerberg

Target Audience

Medical microbiologists, pathologists, biomedical and clinical researchers, and senior technicians already experienced in clinical parasitology or clinical pathology

Course Objectives

The increasing trend towards the development and implementation of fast, high-throughput, diagnostic methods for parasitic diseases, easy to implement with little knowledge of medical parasitology, has led to a worrying gap in traditional microscopic expertise. This is even more true for the morphological identification of parasites in histopathological specimens. Microscopy remains the gold standard and, in some cases, advanced methods such as serology and molecular tools are not suitable or cannot be applied to solve the diagnostic problem, leading to incorrect patient's diagnosis and clinical management, as well as to erroneous scientific results. On the other hand, some of the most ground-breaking recent discoveries in the field of medical parasitology have been made through morphological observation of parasite structures, such as the identification of Wolbachia in filarial nematodes of medical importance, which revolutionized the control of these devastating infections as well as the knowledge of their pathophysiology. Consequently, there is an increasing need for developing and maintaining skills in morphological parasitology within the medical and scientific community, but training opportunities in this field are extremely scant. To help filling this gap, this advanced course, targeting scientific and healthcare professionals already experienced in parasitology and microscopy, will provide practical training in morphological identification of the most significant parasites in histopathological specimens. The faculty comprises an international panel of experts with unique expertise in morphology and pathology of parasitic infections.