

Day-to-Day programme

Postgraduate course Clinical Parasitology

Monday January 12 – Friday January 23 2026

9:00 – 17:00 uur

<see per day scheme for actual starting time of face-to-face teaching >

Previous course name: Laboratory Diagnosis of Human Parasitic Infections

Course language: English

Course venue:

University of Applied Sciences Leiden (Hogeschool Leiden), Zernikedreef 11, Leiden, Netherlands

<http://www.hsleiden.nl/english>

This location is about 10 minutes 'walk from Leiden Central station.

Speakers: (week 1 or week 2)

LUCID - LUMC

- Prof. Dr. Ron Hokke (2)
- Dr. Lisette van Lieshout (1,2)
- Prof. Dr. Meta Roestenberg (2)
- Prof. Dr. Leo G. Visser (1,2)
- Dr. Linda J. Wammes (2)
- Mw. Maureen Blokland-Flink (1,2) – practical assistance

Erasmus - Rotterdam

- Prof. Dr. Jaap J. van Hellemond (1,2)
- Drs. Mariana de Mendonça Melo (1)
- Dr. Maarten Sarink (2)
- Dr. Eva Huis in 't Veld (m.m.v. Dr. Colette L.M. van Hees) (2)
- Dhr. Rob Koelewijn (1) – practical assistance

Guest-speakers

- Dr. Jorrit Hofstra, Center of Disease Control the Netherlands ; National Institute of Public Health and Environment (RIVM), Bilthoven (2)
- Dr. Marieke Opsteegh, Center of Disease Control the Netherlands ; National Institute of Public Health and Environment, Bilthoven (1)
- Dr. Serena Slavenburg, Regional Laboratory for Medical Microbiology and Public Health, Haarlem (1)
- Dr. Jaco J. Verweij, Laboratory for Medical Microbiology and Immunology; Laboratory for Clinical Pathology; St. Elisabeth Hospital, Tilburg (2)
- Dr. Rens Zonneveld, Medical Microbiology and Infection Prevention, Amsterdam UMC (location AMC) (2)

Colour indication:

Could be either a lecture or microscopy practical or a mixture – at the venue in Leiden

[Lecture external speaker \(non-LUMC; non-Erasmus\) – at the venue in Leiden](#)

Home study (own time) – internet required

Monday 12 January 2026

Approx. 30 min - pre-course homestudy

Introduction to course and laboratory diagnosis of parasitic infection

L. van Lieshout

Approx. 1 hr - pre-course homestudy

Diagnosis of soil transmitted helminths and Strongyloides, some theoretical aspects

L. van Lieshout

Approx. 30 min - pre-course homestudy

Diagnosis of Echinococcosis, Taenia and other common cestodes; some theoretical aspects

L. van Lieshout

09.45 - 10.15	Registration, coffee/tea
10.15 - 10.30	Introduction, welcome
10.30 - 11.00	Quiz and FAQ about pre-course homework <i>L. van Lieshout</i>
11.00 - 12.30	Diagnosis of soil transmitted helminths and cestodes – practice Strongyloides – the neglected among the neglected - theory <i>L. van Lieshout; M. Blokland-Flink</i>
12.30 - 13.15	Lunch break
13.15 - 14.15	Clinical aspects of echinococcosis <i>M. Roestenberg</i>
14.15 - 15.15	Epidemiology and control of echinococcosis <i>M. Opsteegh</i>
15.15 - 15.30	Coffee/tea break
15.30 - 16.30	Diagnosis of soil transmitted helminths and cestodes - practice <i>L. van Lieshout; M. Blokland-Flink</i>
16.30 - 17.00	Discussion about patient of the day, slide quiz and general review <i>L. van Lieshout</i>

Tuesday 13 January 2026

Approx. 30 min - homestudy

Diagnosis of trematodes, some general aspects

L. van Lieshout

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|---------------|---|
| 09.30 – 10.30 | Diagnosis and control of schistosomiasis - theoretical aspects
Quiz and FAQ about homework
<i>L. van Lieshout</i> |
| 10.30 - 10.45 | Coffea/tea break |
| 10.45 - 12.30 | Laboratory procedures for the diagnosis of helminths in stool and urine
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 12.30 - 13.15 | Lunch break |
| 13.15 - 14.00 | Laboratory procedures for the diagnosis of helminths in stool and urine
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 14.00 - 15.00 | Blinded cases for the diagnosis of helminths
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 15.00 - 15.15 | Coffea/tea break |
| 15.15 - 16.30 | Blinded cases for the diagnosis of helminths
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 16.30 - 17.00 | Discussion about patient of the day, slide quiz and general review
<i>L. van Lieshout</i> |

Wednesday 14 January 2026

09.00 - 10.30	Introduction malaria <i>J. van Hellemond; R. Koelewijn.</i>
10.30 - 10.45	Coffea/tea break
10.45 - 12.30	Laboratory diagnosis of malaria; including non-microscopy procedures <i>J. van Hellemond; R. Koelewijn</i>
12.30 - 13.15	Lunch break
13.15 - 15.15	Microscopic diagnosis of malaria (including slide quiz) <i>J. van Hellemond; R. Koelewijn</i>
15.15 - 15.30	Coffea/tea break
15.15 - 17.00	Microscopy cases malaria <i>J. van Hellemond; R. Koelewijn</i>

Thursday 15 January 2026

- 09.00 - 10.30 **Clinical aspects and treatment of malaria**
M. de Mendonca Melo; J. van Hellemond
- 10.30 - 10.45 **Coffea/tea break**
- 10.45 - 11.15 **Clinical aspects and treatment of malaria**
M. de Mendonca Melo
- 11.15 - 12.30 **Microscopy cases malaria**
J. van Hellemond; R. Koelewijn
- 12.30 - 13.15 **Lunch break**
- 13.15 - 15.15 **Diagnosis of other blood parasites (filaria, babesiose)**
J. van Hellemond; R. Koelewijn
- 15.15 - 15.30 **Coffea/tea break**
- 15.30 - 17.00 **Microscopy of blood parasites**
J. van Hellemond; R. Koelewijn
- 17.00 - 20.30 **Social Event – (optional)**
Dutch pancakes – Dutch treat (not included in the fee)

Friday 16 January 2026

Approx. 30 min - homestudy

Diagnosis of intestinal protozoa, some general aspects

L. van Lieshout

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|---------------|---|
| 09.30 - 10.30 | Laboratory diagnosis of amoebiasis, theory and practice
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 10.30 - 10.45 | Coffea/tea break |
| 10.45 - 11.30 | Laboratory diagnosis of other pathogenic intestinal protozoa, theory and practice
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 11.30 - 12.30 | Clinical aspects the intestinal protozoa Giardia, E. histolytica and Cryptosporidium
<i>S. Slavenburg</i> |
| 12.30 - 13.15 | Lunch break |
| 13.15 - 15.00 | Laboratory diagnosis of non-pathogenic intestinal protozoa, theory and practice
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 15.00 - 15.15 | Coffea/tea break |
| 15.15 - 16.30 | Blinded cases for the diagnosis of most common intestinal prozoa
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 16.30 - 16.45 | Discussion about patient of the day, slide quiz and general review
<i>L. van Lieshout</i> |
| 16.45 - 17:00 | Closure of week 1
<i>L. van Lieshout</i> |

Monday 19 January 2026

Approx. 30 min - homestudy

Diagnosis of coccidia and microsporidium, some general aspects

L. van Lieshout

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| 09.30 - 10.45 | Parasites of the skin
<i>E. Huis in 't Veld / C. van Hees</i> |
| 10.45 - 11.00 | Coffea/tea break |
| 11.00 - 11.30 | Artefacts when detecting helminth or protozoa in stool or urine
<i>L. van Lieshout</i> |
| 11.30 - 12.00 | Laboratory diagnosis of coccidia and microsporidium and artefacts
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 12.00 - 12.30 | Blinded cases for the diagnosis of parasitic infections
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 12.30 - 13.15 | Lunch break |
| 13.15 - 14.30 | Kinetoplastida: Leishmania and Trypanosoma
<i>R. Zonneveld</i> |
| 14.30 - 14.45 | Coffea/tea break |
| 14.45 - 15.15 | Laboratory diagnosis of kinetoplastida and other tissue parasites
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 15.15 - 15.45 | Blinded cases for the diagnosis of parasitic infections
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 15.45 - 16.45 | Therapy of more complicated parasitic infections
<i>L. Visser</i> |
| 16.45 - 17.00 | Discussion about patient of the day
<i>L. van Lieshout</i> |

Tuesday 20 January 2026

Approx. 30 min - homestudy

Remaining topics – indicated at the digital teaching tool

L. van Lieshout

09.30 - 10.30	Ectoparasites <i>L. Wammes</i>
10.30 - 10.45	Coffea/tea break
10.45 - 11.30	Microscopy and macroscopy of ectoparasites <i>L. van Lieshout; M. Blokland-Flink</i>
11.30 - 12.30	Laboratory diagnosis of special cases (H-cases) <i>L. van Lieshout; M. Blokland-Flink</i>
12.30 - 13.15	Lunch break
13.15 - 14.45	Laboratory diagnosis of special cases (H-cases) <i>L. van Lieshout; M. Blokland-Flink</i>
14.45 - 15.00	Coffea/tea break
15.00 - 16.00	Clinical aspects of toxocariasis and trichinellosis <i>J. Hofstra</i>
16:00 – 17:00	Toxoplasmosis <i>J. Hofstra</i>

Wednesday 21 January 2026

Approx. 30 min - homestudy

Remaining topics – indicated at the digital teaching tool

L. van Lieshout

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| 09:30 – 10:30 | Filariasis in practice
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 10.30 - 10.45 | Coffea/tea break |
| 10.45 - 11.45 | Blinded cases for the diagnosis of parasitic infections (IP & T-cases)
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 11.45 - 12.30 | Parasitic cases in severely immunocompromised patients
<i>L. Wammes</i> |
| 12.30 - 13.15 | Lunch break |
| 13.15 - 14.15 | Sarcocistis, gnathostomiasis and other exotic parasites
<i>M. Roestenberg</i> |
| 14.15 - 15.00 | Blinded cases for the diagnosis of parasitic infections (IP- cases)
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 15.00 - 15.15 | Coffea/tea break |
| 15.15 - 16.00 | Blinded cases for the diagnosis of parasitic infections (IP-cases)
<i>L. van Lieshout; M. Blokland-Flink</i> |
| 16.00 - 16.45 | Research in human parasitology at the LUMC
<i>C.H. Hokke</i> |
| 16.45 - 17.00 | Discussion about patient of the day
<i>L. van Lieshout</i> |

Thursday 22 January 2026

- 09.00 - 10.30 **Trichimonas & clinical cases seen in a Dutch travel clinic or academic hospital**
J. van Hellemond
- 10.30 - 10.45 **Coffea/tea break**
- 10.45 - 11.30 **Free living amoeba**
M. Sarink
- 11.30 - 12.30 **Blinded cases for the diagnosis of parasitic infections (IP & T-cases)**
L. van Lieshout; M. Blokland-Flink
- 12.30 - 13.15 **Lunch break**
- 13.15 - 15.00 **New developments in the laboratory diagnosis of parasitic infection**
J.J. Verweij (online)
- 15.00 - 15.15 **Coffea/tea break**
- 15.15 - 15.45 **Blinded cases for the diagnosis of parasitic infections (IP & T-cases)**
L. van Lieshout; M. Blokland-Flink
- 15.45 - 16.45 **Parasites, migration and climate change**
L. Wammes
- 16.45 - 17.00 **Discussion about patient of the day**
L. van Lieshout

Friday 23 January 2026

Approx 30 min - homestudy

e-learning “Laboratory Diagnosis parasitic infections”

L. van Lieshout

09.30 - 10.00	Answers of the e-learning “Laboratory Diagnosis parasitic infections” <i>L. van Lieshout</i>
10.00 - 10.30	More about microscopy-based techniques for the detection of intestinal parasites: Permanent staining, FLOTAC, mini-FLOTAC and others. <i>L. van Lieshout</i>
10.30 - 10.45	Coffea/tea break
10.45 - 11.30	Blinded cases diagnosis (IP-cases; T-cases; malaria) <i>L. van Lieshout; M. Blokland-Flink</i>
11.30 - 11.45	Answers of the T-cases, Case of the day <i>L. van Lieshout</i>
11.45 - 12.30	E-diagnosis, artefacts and delusions <i>L. van Lieshout</i>
12.30 - 13.15	Lunch break
13.15 - 13.45	Cases contributed by the participants <i>L. van Lieshout and Course participants</i>
13.45 - 14.15	Final test <i>L. van Lieshout</i>
14.15 - 15.30	Clinical aspects of parasitic infections discussed during the course <i>L. Visser</i>
15.30 - 15.45	Evaluation of the course <i>L. van Lieshout; M. Blokland-Flink</i>
15.45 - 16.30	Drinks and departure
16:30	Closure of the course