



SAPIENZA
UNIVERSITÀ DI ROMA

Molecular Parasitology Seminars 5th Cycle (2026-2027)

6 October 2026 - 14 July 2027

organized by

ISTITUTO SUPERIORE DI SANITÀ
Dipartimento Malattie Infettive

SAPIENZA UNIVERSITÀ DI ROMA
Dipartimento di Sanità Pubblica e Malattie Infettive

IRCCS SACRO CUORE DON CALABRIA
UNIVERSITÀ DI PAVIA

with the advocacy of
Società Italiana di Parassitologia



N° ID: 148D26_R

Rationale

The seminar series is intended to provide an overview of recent advances in basic research in the field of parasitology.

International scholars of recognized scientific excellence will be invited to illustrate some of the most relevant and innovative discoveries in molecular parasitology.

Aims

The event is designed to update specialists in the field, as well as doctoral candidates and postdoctoral researchers, on the most recent developments in parasitological research at the international level. A further objective is to stimulate interest in parasitology among researchers working in related scientific domains.

Working method

Formal presentations followed by structured discussion and Q&A sessions.

PROGRAMME

Tuesday, October 6th, 2026

2.30 p.m. (CET) *Strongyloides ratti* & immunology
Minka Breloer

Wednesday, November 4th, 2026

2.30 p.m. (CET) *Spotted Fever or Jumpin' Jack Flash? Lateral transfer of a near-complete rickettsial chromosome into the genome of its tick vector*
Ben Makepeace

Wednesday, December 2nd, 2026

2.30 p.m. (CET) *Understanding erythrocyte invasion using zoonotic malaria parasites: new biology and new tools for P. vivax vaccine development*
Rob Moon

Wednesday, January 13th, 2027

2.30 p.m. (CET) *Unravelling whipworm's niche in the intestinal epithelia*
Maria Duque-Correa

Wednesday, February 3rd, 2027

2.30 p.m. (CET) *Deciphering the host-parasite interaction to tackle cryptosporidiosis*
Amandine Guerin

Wednesday, March 3rd, 2027

2.30 p.m. (CET) *Advances in gene driver research for the control of malaria mosquitoes*
Alekos Simoni

Wednesday, April 7th, 2027

2.30 p.m. (CET) *Decoding cellular heterogeneity in pathogens: from high-resolution scRNA-seq to semipermeable capsules*
T. Nicolai Siegel

Wednesday, May 5th, 2027

2.30 p.m. (CET) *Genomic approaches to understanding drug treatment variation in human whipworms*
Stephen Doyle

Wednesday, June 9th, 2027

2.30 p.m. (CET) *Engineering mosquitoes to break the malaria transmission cycle*
George Christophides

Wednesday, July 14th, 2027

2.30 p.m. (CET) *Vector-virus interactions during arbovirus transmission*
Kevin Maringer

SPEAKERS

Minka Breloer - Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany

George Christophides - Imperial College, London, UK

Stephen Doyle - Wellcome Sanger Institute, Hinxton, UK

Maria Duque-Correa - University of Cambridge, UK

Amandine Guerin - University of Geneva, Switzerland

Ben Makepeace - University of Liverpool, UK

Kevin Maringer - The Pirbright Institute, Woking, Surrey, UK

Rob Moon - London School of Tropical Medicine and Hygiene, UK

T. Nicolai Siegel - Ludwig Maximilian University of Munchen, Germany

Alekos Simoni - Imperial College, London, UK

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GENERAL INFORMATION

The meeting will be held online through the Google Meet videoconference platform.

Official language

The official language is English.

Target audience

The event is addressed to Nazionale Health Service, as well as to health and research institutions', personnel, to PhD students and postgraduates in the field of infectious diseases.

Maximum number of attendees: 1000.

Registration and participation

Participation is free of charge, registration available at the following link until 4th October 2026:

https://forms.office.com/Pages/ResponsePage.aspx?id=ccwzxZmYkutg7V0sn1ZEo2sShG2_RhFsx0KV6RvgGFUN0VFSEdIQIU1MjBCWE40OU55SkRKVTdENC4u

To participate, please, connect to the following link: <https://meet.google.com/iod-mrvt-fqe>

Satisfaction questionnaire

At the end of the event, all participants should complete a quality assessment survey.

Certificates

A Certificate of attendance will be provided to those who have attended at least 75% of the event and completed the online quality assessment survey.

Actual participation in the event will be detected by checking the connection logs.

For any further information about the seminars, please contact the Organizing Committee.