

Molecular Parasitology Seminars

5TH cycle (2026-2027)

6 October 2026 – 14 July 2027

October 6, 2026, 2:30 p.m.

Strongyloides ratti: immune response and immune modulation

Minka Breloer- Bernhard Nocht Institute For Tropical Medicine, Hamburg, GER

November 4, 2026, 2:30 p.m.

Spotted Fever or Jumpin' Jack Flash? Lateral transfer of a near-complete rickettsial chromosome into the genome of its tick vector

Ben Makepeace- University of Liverpool, UK

December 2, 2026, 2:30 p.m.

Understanding erythrocyte invasion using zoonotic malaria parasites: new biology and new tools for *P. vivax* vaccine development

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

January 13, 2027, 2:30 p.m.

Unraveling whipworm's niche in the intestinal epithelia

Maria Duque-Correa- University of Cambridge, UK

February 3, 2027, 2:30 p.m.

Deciphering the host-parasite interaction to tackle cryptosporidiosis

Amandine Guerin- University of Geneva, CH

March 3, 2027, 2:30 p.m.

Advances in gene driver research for the control of malaria mosquitoes

Alekos Simoni- Imperial College London, UK

April 7, 2027, 2:30 p.m.

Decoding cellular heterogeneity in pathogens: from high-resolution scRNA-seq to semipermeable capsules

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

May 5, 2027, 2:30 p.m.

Genomic approaches to understanding drug treatment variation in human whipworms

Stephen Doyle- Wellcome Sanger Institute, UK

June 9, 2027, 2:30 p.m.

Engineering mosquitoes to break the malaria transmission cycle

George Christophides- Imperial College London, UK

July 14, 2027, 2:30 p.m.

Vector-virus interactions during arbovirus transmission

Kevin Maringer- The Pirbright Institute, UK

Scientific Committee: Natalia Tiberti (IRCCS Ospedale Sacro Cuore Don Calabria), Anna Olivieri (Istituto Superiore di Sanità), Serena Cavallero, Fabrizio Lombardo (Sapienza Università di Roma), Maria Vittoria Mancini, Davide Sassera (Università di Pavia).

Organizing Committee: Michela Deiana (IRCCS Ospedale Sacro Cuore Don Calabria), Ilaria Bellini, Giulia Bevivino (Sapienza Università di Roma), Silvio Paone (Istituto Superiore di Sanità).

Registration form (until 4th October): [DOMANDA DI ISCRIZIONE evento ID: 148D26 R – Compila modulo](#)

Participation link: <https://meet.google.com/iod-mrvt-fqe>



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