

Inserm Workshop 292

Méthodes modernes en parasitologie moléculaire Modern methods in molecular parasitology

4-6 novembre 2026 / **November 4-6, 2026** ■ Montpellier, France

Mercredi 4 novembre 2026 ■ **Wednesday November, 4th 2026**

15:30 - 16:00	Reception of participants
16:00 - 16:15	Welcome and presentation by the organizers
	Overview lecture
16:15 - 17:00	Parasitology all the way: Studying parasite biology from the organism level to the molecular detail Luísa FIGUEIREDO (Gulbenkian Institute for Molecular Medicine, Lisbon, Portugal)
17:00 - 17:30	Coffee break
SESSION I	Chromatin...
17:30 - 18:15	Exploration of chromatin organization Jessica BRYANT (Institut Pasteur, Paris, France)
18:15 - 19:00	Sequencing methods to study DNA replication Ana-Rita GOMES (CNRS, Montpellier, France)
19:30	Dinner

Jeudi 5 novembre 2026 ■ **Thursday November, 5th 2026**

06:30 - 09:00	Breakfast
SESSION I	... and RNA
09:00 - 09:45	Detection of RNA modifications Schrage SCHWARTZ (Weizmann Institute of Science, Rehovot, Israel)
09:45 - 10:30	Single-cell transcriptomics of different developmental life stages Arthur TALMAN (IRD, Montpellier, France)
10:30 - 11:00	Coffee break
SESSION II	The functional proteome
11:00 - 11:45	Phosphoproteomics in signaling cascades Moritz TREEK (Gulbenkian Institute for Molecular Medicine, Oeiras, Portugal)
11:45 - 12:30	Functional screening with base editors Tom BENEKE (University of Würzburg, Germany)
12:30 - 14:00	Lunch

SESSION III	Imaging across scales
14:00 - 14:45	Correlative imaging technologies Freddy FRISCHKNECHT (University of Heidelberg, Germany)
14:45 - 15:30	Advanced expansion microscopy Susanne KRAMER (University of Würzburg, Germany)
16:00 - 16:45	X-ray nanoimaging of parasites in host cells Matthew BOWLER (European Molecular Biology Laboratory, Grenoble, France)
15:30 - 16:00	Coffee Break
16:45 - 17:30	Combining structural biology methods in parasitology Eva KOWALINSKI (European Molecular Biology Laboratory, Grenoble, France)
17:30 - 18:15	Studies of liquid-liquid phase separation Joana CORREIRA FARIA (University of York, United Kingdom)
19:00 - 20:00	Cocktail
20:00	Dinner

Vendredi 6 novembre 2026 ■ Friday November, 6th 2026

06:30 - 08:30	Breakfast
SESSION IV	Host-parasite interactions
08:30 - 09:15	Microvessels-on-chip to probe host-parasite interactions Maria BERNABEU (European Molecular Biology Laboratory, Barcelona, Spain)
09:15 - 10:00	CRISPR tools for host-pathogen interactions in Malaria Ellen BUSHELL (Umea University, Sweden)
10:00 - 10:30	Coffee Break
10:30 - 11:15	CRISPR tools for the identification of host factors Adam SATERIALE (Francis Crick Institute, London, United Kingdom)
11:15 - 12:00	Organoids for host-pathogen interaction studies David SMITH (Moredun Research Institute, United Kingdom)
12:00 - 12:45	Molecular parasitology from a clinician's perspective Valentin GREIGERT (University of Reims, France)
12:45 - 14:00	Lunch
14:00	Departure