ibeid integrative biology of emerging infectious diseases

Tiny Vectors, Major Threats

A Deep Dive into Tick-Borne Infections

October 8, 2026

Keynote Speakers

Nathalie Boulanger University of Strasbourg - CNR Lyme, FR

Jose de la Fuente Univeristy of Castilla - La Mancha, ES

Nicholas Ogden University of Montreal, CA

Joao H.F. Pedra Maryland School of Medicine, US

Invited Speakers

Alexis Dziedzich Institut Pasteur, FR

Célia Bernard CIRAD, FR

Olivier Duron CNRS - UMR MIVEGEC, FR

Ladislav Simo INRAE - Anses, FR

Scientific organizing committee

Philippe Bastin, Sarah Bonnet, Anna-Bella Failloux, Sarah Merkling, Sara Moutailler, Cyril Renassia

Hall Agnès Ullmann

Institut Pasteur, 25 rue du Docteur Roux, 75015 Paris

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Program

9:30 **Philippe Bastin** | Scientific co-coordinator Labex IBEID - Institut Pasteur, FR
Opening

1st Session – Public health and epidemiology of Tick-borne infections

9:45 **Keynote lecture: Nathalie Boulanger** | University of Strasbourg, FR
Tick-borne diseases threats and prevention in Europe

10:30 **Célia Bernard** | CIRAD , FR
From vector establishment to pathogen emergence : Hyalomma marginatum and Crimean Congo Hemorragic Fever in France

11:00 **Keynote lecture: Nicholas Ogden** | University of Montreal, CA
Climate change and emergence of Lyme disease in Canada: From a hypothesis to a public health reality

11:45 **Lunch**

2nd Session – Understanding and tackling the mechanisms of Tick-borne infections

13:45 **Keynote lecture: Joao Pedra** | University of Maryland School of Medicine, US
Tick-Borne Disease Across Biological Scales: From the Tick to the Patient

14:30 **Ladislav Simo** | Labex IBEID - Anses - INRAe, FR
The muscarinic synganglion–salivary gland dialogue drives saliva secretion in ticks

15:00 **Olivier Duron** | CNRS, FR
Tick-borne microorganisms : Medical biases & the symbiotic reality of tick microbiomes

15:30 **Coffee break**

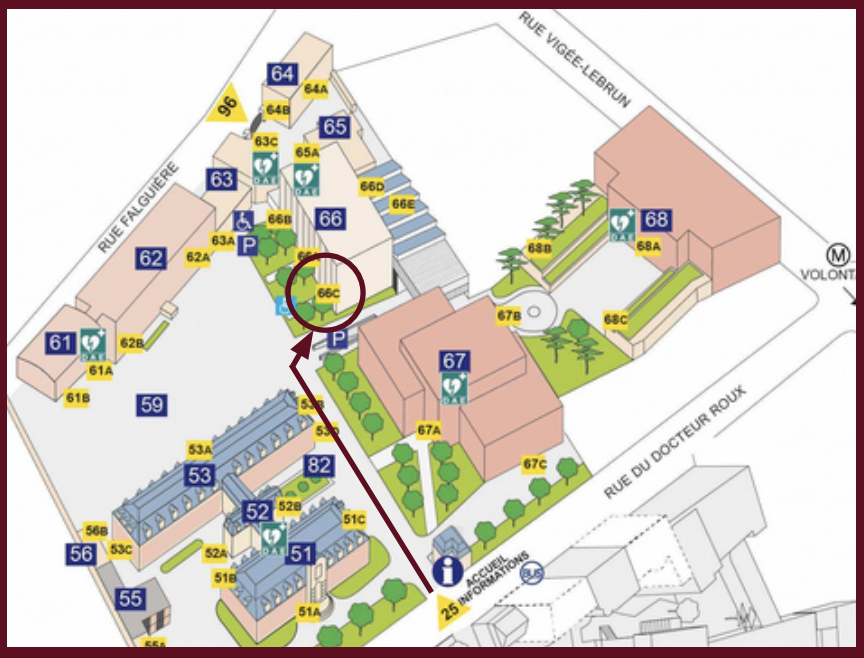
16:00 **Alexis Dziedziech** | Labex IBEID - Institut Pasteur, FR
Tick bite exposure biomarkers for humans and animals

16:30 **Keynote lecture: Jose De la Fuente** | University of Castilla - La Mancha, ES
The evolution of vaccinology for the control of tick infestations and tick-borne diseases

17:15 **Sarah Bonnet, Sarah Merkling, Sara Moutailler** | Scientific organizing committee - Institut Pasteur, EnvA, Anses, INRAE
Wrap up

Registration

REGISTRATION FORM

LABEX IBEID WEBSITE

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