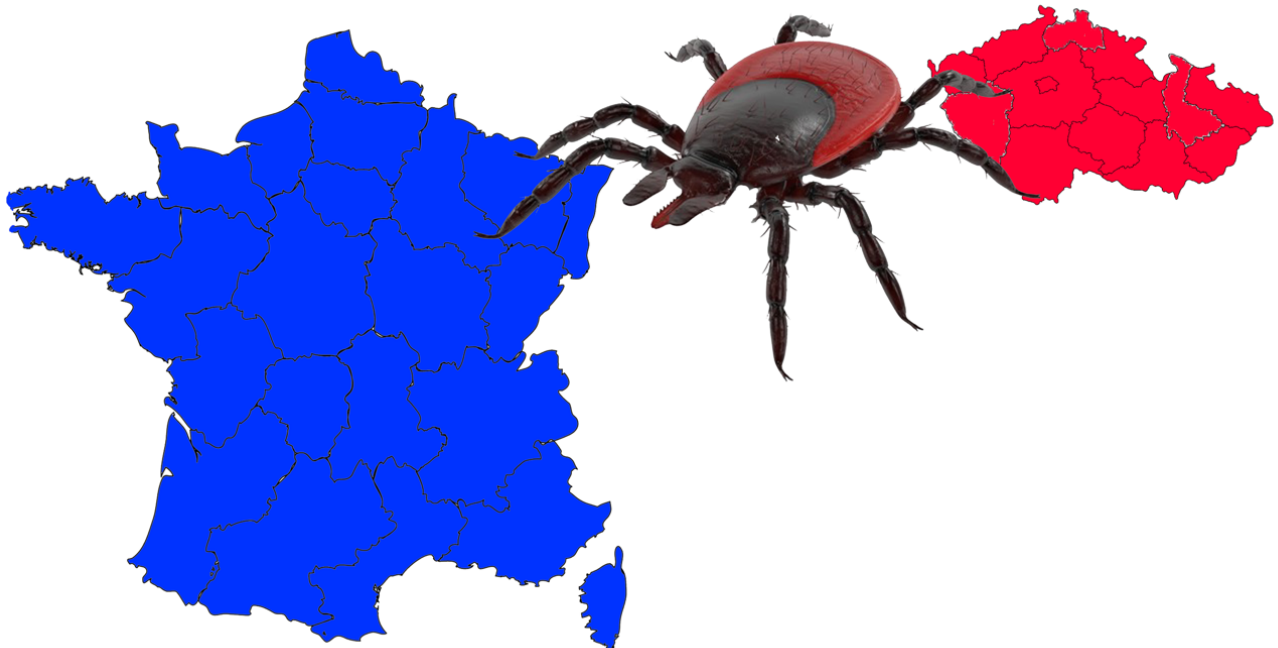




French-Czech Tick Meeting 1.

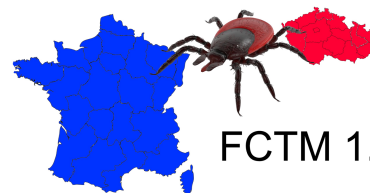
(FCTM 1.)

24.-25. October 2019, Maisons-Alfort, France



SCIENTIFIC PROGRAM: ANSES - Copernic building, Room MC Clintock, 1st Floor
(Chairs : *Alejandro Cabezas-Cruz* and *Ladislav Šimo*)

Thursday 24. October



 8:30-9:00 **Registration (badges), coffee, refreshment**

9:00-9:10 - **Opening of the meeting**

9:10-9:40 - **Libor Grubhoffer**

Introduction to the Biology Centre, Czech Academy of Sciences

9:40-10:00 - **Nadia Haddad**


Introduction to the JRU-BIPAR

10:00-10:20 - **Pascal Boireau**

One health concept and parasite world

10:20-10:40 - **Petr Kopáček**

From tick biology to the rational design of promising 'anti-tick' strategies

 10:40-11:10 **Coffee break**

11:10-11:40 - **Gregory Karadjian**

1. Species identification by MALDI-TOF, the example of Trichinella

2. Aptamer-detection of pathogens

11:40-12:00 - **Ryan Rego**

Delineating the pathogenic requirements of LD and RF Borrelia within the tick and the mammalian host

12:00-12:20 - **Ladislav Šimo**

Regulation of osmoregulatory organs in ticks

 12:20-13:30 **Lunch – Cafeteria, Copernic building**

13:30-13:40 - **Group photo** (In front of Copernic building)

13:40-14:00 - **Grégory Caignard**

High-throughput approaches for studying host-pathogen interactomes

14:00-14:20 - **James Valdés**

Thermodynamics in disease therapy

14:20-14:40 - **Muriel Couplier**


Pathological modeling of TBEV infection using human neuronal/glial co-cultures derived from fetal neural progenitor cells and high-throughput screening for anti-viral drugs

14:40-15:00 - **Ondrej Hajdušek**

Tick immune system and its interaction with transmitted pathogens

15:00-15:20 - **Jennifer Richardson**

Interaction proteomics of tick-borne virus - mammalian host interfaces

 15:20-15:50 **Coffee Break**

15:50-16:10 - **Nicolas Versille**

Montanide adjuvants for veterinary vaccines

16:10-16:30 - **Radek Šima**

Animal models for tick-transmitted pathogens

16:30-16:50 - **Sara Moutailler**

High-throughput nanotechnologies for tick-borne pathogens detection

16:50-17:10 - **Consuelo Almazán**

Development of models for Anaplasma phagocytophilum tick transmission and clinical studies

17:30 – **Closing of the day**

Friday 25. October



8:30-9:00 **Coffee, refreshments**

9:00-10:30 - **Round table**, discussion about the bilateral collaborations between France and Czech republic



10:30-11:00 **Coffee break**

11:00-11:20 - **Alejandro Cabezas-Cruz**

Beyond bacterial names: functional metagenomics of tick microbiota

11:20-11:40 - **Václav Hönl**

Arbovirology in Ceske Budejovice: from virus - cell interactions, over pathogenesis and treatment to ecology

11:40-12:00 - **Houssam Attoui**

Tick-borne dsRNA viruses

12:00-12:20 - **Marie Vancová**

Applications of volume electron microscopy in research on ticks and tick-borne pathogen



12:20-13:20 **Lunch – Cafeteria, Copernic building**

13:20-13:40 – **Laetitia Canini**

Phylogenetics and epidemiology of multi-host pathogens

13:40-14:00 - **Sarah Bonnet**

Bartonella sp. transmission by ticks: from the field to molecular interactions and vaccine development

14:00-14:20 - **Jan Perner**

Tick membrane feeding: a tool for discovery of novel 'anti-tick' interventions

14:20-14:40 - **Sandrine Lacour**

Molecular mechanisms underlying vector competence of Ixodes ricinus for 2 tick-borne flaviviruses

14:40-15:00 - **Natasha Rudenko**

Vitality of atypical and persistent forms of Lyme disease spirochetes



15:00-15:30 **Coffee break**

15:30-15:50 - **Daniel Sojka**

Targetable proteolytic enzymes in ticks and tick borne pathogens

15:50-16:10 - **Lourdes Mateos-Hernandez**

Neural Basis of Tick-Pathogen Interactions: Tachykinin neuropeptide

16:10-16:30 - **Anne-Claire Lagrée**

Exploration of epidemiological cycles of Anaplasma phagocytophilum in France and neighboring countries

16:30 -16:50 - **Camille Migné**

Genetic variability of tick-borne viruses and identification of new antiviral targets

16:50-17:10 - **Thomas Pollet**

The Ixodes ricinus pathobiome ecology

17:10-17:20 - **Consuelo Almazán**

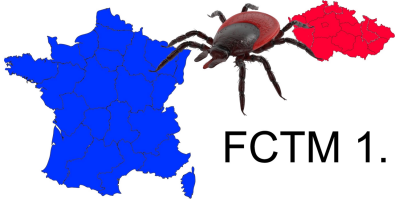
Tick's enemies

17:20 - **Closing of the meeting**



17:30-19:00 **Cocktail, Copernic building 1st floor – Everybody is welcome!!!**

What the meeting includes :



1. Lunch 24. and 25. October

Cafeteria ANSES: Choice of variety of appetizers, different combinations of main dishes and sides, desserts. Vegetarian choice of main dish as well as salad bar is also available.

Representative photos (please take this as examples):





2. Dinner 24. October. (Czech Researchers, organizers and directory of UMR-BIPAR)

(Leaving the meeting at 17:40 to arrive to restaurant around 18:40)

Restaurant l'Invitée (<https://www.linvitee.fr>) in the heart of Paris just few blocks from Notre Damme.



3. Cocktail 25 October. (17:30-19:00)

Same floor as the meeting in Copernic building. Salty and sweet finger food, beverages, champagne will be available.

19:00 departure (by metro) to Seine Cruise Trip (see below)



4. Seine Cruise trip (Czech Researchers, Ladislav, Alejandro, Consuelo and Lourdes)

Seine river boat, around illuminating Eiffel tower.

Cruise duration: 20:30-21:30. Arrival back to Maisons-Alfort about 22:40.

