



PRAGMATICK MC meeting and workshop about urban tick and tick-borne pathogen hotspots, effect of anthropogenic pressure

18th April NordTick & PRAGMATICK joint session 4

Chairs: Gábor Földvári (Hungary), Georg Duscher (Austria)

Tick biology, ecology and interplay with pathogenic microorganisms

08.30–09.20	Keynote 4: Önder Ergönül: CCHF
09.20–09.30	Short break
09.30–10.30	Session 4 continued: Anton de Jong: Rapportera Fästing” – a tool to enhance citizen science-based reporting of tick findings Jani Sormunen: Citizen Science Monitoring of Tick Contact Areas in Finland – Lessons, Results and Uses for Data Margriet Harms: Tekenradar.nl a citizen science platform for tick bite surveillance in the Netherlands Eva Kallio: Amplification or dilution? Quantifying the role of hosts in tick-Borrelia interplay with natural islands mesocosms Pierre Boyer: Evaluating MALDI-TOF MS for Tick Identification and Pathogen Detection : Advancing Shared Scientific Resources Nosheen Kiran: Effects of rodent abundance on ticks and <i>Borrelia</i> – results from an experimental and observational study in an island system
10.30–10.50	Coffee break & take down posters
10.50–12.15	Session 4 continued:



PRAGMATICK Workshop
18-19 April 2024 Nyborg, Danmark
Nyborg Strand Hotel & Conference
Østerøvej 2
Nyborg

This programme is based upon work from COST Action PRAGMATICK CA21170, supported by COST (European Cooperation in Science and Technology).

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Keynote 5: Matias Szabo: Factors related to the spread and urbanization of the tick-borne Brazilian Spotted Fever

Theophilus Yaw Alale: Genomic signatures of hybridization *between Ixodes ricinus* and *Ixodes persulcatus* in Finland

Pierre Boyer – Evaluating MALDI-TOF MS for tick identification and pathogen detection: Advancing shared scientific resources

Lene Jung Kjær: Temporal dynamics of tick abundance in Denmark, 2017–2024

- 12.15–12.30** Pictorial review of the conference, closing address, young scientist award, welcome to NordTick 2026!
- 12.30–13.00** End of NordTick & lunch for NordTick participants
- 13.00–13.15** **PRAGMATICK welcome from Gábor Földvári**
- 13.15–13.30** Kayleigh Hansford: WG2 recap of aims/objectives
- 13.30–14.30** WG2 Urban ticks (10 mins to present, 5 mins questions per talk)
- Natasha Rudenko: Ticks and TBP in an urban homeless and shelter animals
- Nadya Mitkova: *Borrelia burgdorferi* infection in bird-feeding *Ixodes ricinus* ticks in Bulgaria
- Jani Sormunen: Ticks, tick-borne pathogens and maintenance hosts in urban green spaces in Finland
- Ömer Okrun: Investigation on the population structure of *Dermacentor marginatus* in Anatolia and the pathogens they carry
- 14.30–15.00** Coffee break
- 15.00–16.00** WG2 Urban ticks (10 mins to present, 5 mins questions per talk)
- Justyna Liberska: Co-occurrence of *Borrelia* spp. and *Babesia* spp. DNA in *Ixodes ricinus* ticks collected from urban areas, Poznań, Poland?
- Kurtesh Sherifi: First detection of zoonotic tick-borne pathogens in *Ixodes ricinus* from urban area in Republic of Kosovo



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Grace Plahe: *Ixodes ricinus* abundance and *Borrelia burgdorferi* s.l. prevalence in urban greenspaces of UK towns and their associated hinterland

Andrei Daniel Mihalca: Tick Talk: From Forests to Streets

16:00-18.00

Management Committee meeting

Note that there is no organised group dinner

19th April PRAGMATICK STSMs & stakeholder engagement

After presentations from STSM grantees, scientists from the UK Health Security Agency's Behavioural Science and Insights Unit will give an overview of how to use systematic and evidence-based approaches to design, deliver and evaluate interventions to encourage uptake of recommended public health messaging. These sessions will involve a quick introduction to the approach, an interactive stakeholder mapping exercise, and a workshop exploring good practice for community and stakeholder engagement.

08.00-09.30

STSM grantees (10 mins to present, 10 mins for questions at end)

Camille Philippe: Phylogeny and 16S population structure of the tick microbiome in ticks collected from different ecoregions in Belgium

Éva Szabó: Which pathogens can the neglected winter ticks (*Haemaphysalis inermis*) carry?

Ilaria Prandi: Study of tick-borne pathogens in ticks and tissues of European hedgehogs living in urban and peri-urban settings in Italy

Eleftherios Meletis: Assessment of scutal/coxal indices, presence of *Borrelia* in ticks to identify high-risk *Borrelia* infected patients with BLCMs

Noureddine Mechouk: Population genetics of *Dermacentor* spp and *Hyalomma* spp from Algeria

09.30-10.00

Dale Weston/Sarah Masterton: An introduction to behavioural science and intervention design

10.00-10.30

Coffee break

10.30-11.15

Dale Weston/Sarah Masterton: Stakeholder and behavioural mapping in groups



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- 11.15-12.00** Dale Weston/Sarah Masterton: What makes engagement successful?
- 12.00-13.00** Lunch (you can purchase from the venue)
- 13.00-13:45** Engagement (10 mins to present, 5 mins questions per talk)
- Felix Valcarcel: Citizen-scientific project aiming at the establishment of a national Tick Surveillance Plan in Spain
- Cláudia Norte: "Find the tick before it finds you" - raising children's awareness about tick-borne diseases.
- Kayleigh Hansford: Tick awareness and engagement in the UK
- 13.45-14:45** Kayleigh Hansford/Jolyon Medlock: Group discussion on gaps/priorities, outputs and 2024 plans (implementing DAMA and joining up across the group)
- 14.45-15.15** Coffee break & close



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