



APIMONDIA

SCANDINAVIA

SWEDEN | DENMARK | NORWAY

23-27 SEPTEMBER

2025



COPENHAGEN

SEPTEMBER 24th, 2025 – Wednesday

AUDITORIUM 15

14:30 – 16:30

SYMPOSIUM / BEE HEALTH

Honey Bee Pathogens

Moderators: Marion Laurent & James D Ellis

14:30 – 14:45

Microscopic Insights into Overwintering Disease Dynamics in Yukon's Subarctic

Etienne Tardif – *Canada*

14:45 – 15:00

A Review of Bee Health in Africa: A Development Perspective

William Van Blyderveen – *United Kingdom*

15:00 – 15:15

World Honey Bee Health – A COLOSS effort to monitor the global distribution of *Apis mellifera* pests and pathogens

James D. Ellis – *USA*

15:15 – 15:30

Rapid quantification and classification of *Nosema spp.* spores and *M. mellificae* cysts using automated microscopy and artificial intelligence

Iratxe Perales – *Spain*

15:30 – 15:45

Honey bee (*Apis mellifera*) hygienic behavior linked to innate defenses against an adult bee pathogen, *Vairimorpha (Nosema) ceranae*

Sydney Miller – *USA*

15:45 – 16:00

Nosema (Vairimorpha) ceranae infection alters honey bee (*Apis mellifera*) queen behavior and reproductive capacity

Juliana Rangel – *USA*

16:00 – 16:15

Effects of conventional and sustainable beekeeping on the pathogen load of honeybees

Ricarda Scheiner – *Germany*

16:15 – 16:30

The European Union national reference laboratories are ready to diagnose diseases and protect beekeeping

Marion Laurent – *France*