



APIMONDIA

SCANDINAVIA

SWEDEN | DENMARK | NORWAY

23-27 SEPTEMBER

2025



COPENHAGEN

SEPTEMBER 25th, 2025 – Wednesday

AUDITORIUM 15

17:00 – 18:30

SYMPOSIUM / BEE BIOLOGY

Nutrition, Microbiome and other interactions-1

Moderators: Per Kryger & Raquel Sousa

17:00 – 17:15

Dietary omega-6:3 fatty acids ratio affects honey bee (*Apis mellifera*) spatial cognition: maze and landmark learning

Sharoni Shafir – *Israel*

17:15 – 17:30

Effect of vitamin A and nutraceuticals on learning, memory retention, and foraging behavior of honey bees (*Apis mellifera*)

Ernesto Guzman-Novoa – *Canada*

17:30 – 17:45

Effects of various fall feeding sugar sources on survival, health, and performance of honey bee colonies (*Apis mellifera* L.)

Laurence Plamondon – *Canada*

17:45 – 18:00

Influence of different diets on the growth and development of Eastern honey bee (*Apis cerana*)

Guiling Ding – *China*

18:00 – 18:15

Honey bee selection for sustainable and high-quality royal jelly production

Benjamin Basso – *France*

18:15 – 18:30

Variations in amino acid and lipid profiles of honey bee hemolymph and gut microbiome composition in response to different dietary protein sources

Kristýna Myslíňová – *Czech Republic*