



SEPTEMBER 24th, 2025 – Wednesday

AUDITORIUM 15

11:00 – 13:00

SYMPOSIUM / BEE BIOLOGY

Genetics-2

Moderators: Cecilia Costa & Per Kryger

11:00 – 11:15

Embryogenesis of haploid honey bee (*Apis mellifera* L.) takes longer than diploid worker

Yanna Chu – China

11:15 – 11:30

The Development of Brain Structure in Worker Honey Bees: A Micro-CT Study of Neuropil Volume Dynamics

Shang Jui Fu – Taiwan

11:30 – 11:45

Whole genome sequencing reveals resilience of European honeybees to climate change

Matthew Webster – Sweden

11:45 – 12:00

Unraveling the modulatory manner and function of circRNAs in the Asian honey bee larval guts

Rui Guo – China

12:00 – 12:15

Be-eRNA: Using next-generation sequencing to characterize the community of honey bee viruses from hive environmental samples

Kaitlin R. Deutsch – USA

12:15 – 12:30

Implementation of an extended SNP Panel for the genetic monitoring of honeybees and its application to *A. mellifera mellifera* and *A. mellifera carnica* samples across Europe

Jana Vanessa Huml – Switzerland

12:30 – 12:45

The Journey to Recognising the Maltese Honey Bee: Achievements and Challenges Ahead

Dylan Farrugia – Malta

12:45 – 13:00

ame-miR-5119-Eth axis modulates larval-pupal transition of western honeybee worker

Jianfeng Qiu – China