

EXBIO meeting 2020



Programme

September 24

13:00-13:20 **Opening**

13:20 – 13:50 **Matěj Drs:** "Role of the exocyst70B family in stomatal related defence"

13:50 – 14:10 **Retzer Katarzyna:** "Regulation of PIN2 sorting and degradation"

14:10 – 14:30 **Helena Štorchová:** "Floral induction in *Chenopodium ficifolium* from the transcriptomic perspective"

14:30 – 14:50 **Dominique Arnaud:** "Cytokinins control secondary cell wall thickening via regulation of NAC transcription factors"

14:50 – 15: 20 **coffe break**

15:20 – 15:40 **Martin Černý:** „Omics analysis of plant-microbe interaction“

15:40 – 16:00 **Tetiana Kalachova:** „Dynamics of soil microbiome upon iterative exposure to plants infected with foliar pathogens“

16:00 – 16:20 **Petr Maršík:** „Metabolism of fluorinated fungicides in plants using A. thaliana suspension culture model“

16:20 – 16: 40 **Jan Rezek:** „Volatiles of rice plants under heat stress“

16:40 – 17:00 **Jitka Kopková**

17:00 -20:00 **DINNER**

September 25

9:00 – 9:20 **Tomáš Moravec:** "Apple latent spherical virus (ALSV) - a versatile tool to study gene function in plants"

9:20 – 9:40 **Jiří Pospíšil:** „(Un)natural phenolic compounds as small molecular probes“

9:40 – 10:00 **Jana Jarošová:** „Influence of changed climatic conditions and drought on *Barley yellow dwarf virus* and its aphid vectors“

10:00 – 10:20 **Jan Martinec:** „Phospholipase Dα1 mediates stress response of Arabidopsis to Mars-like conditions“

10:20 – 10:40 **Helene Robert-Boisivon:** "When a new phenotype is full of surprises: study case of the lec1-2 mutant"

10:40 – 11:10 **coffe break**

10:40 – 11:00 **Vinod Kumar:** "Deciphering Gametophytic „Role of Eukaryotic Translation Initiation Factor 3E (eIF3E)“

11:00 – 11:20 **Kamil Růžička:** "Alternative splicing of hormonal genes in Arabidopsis - evolutionary conservation and physiologically relevant instances"

11:20 – 11:40 **Daniel Nedvěd:** „Transport and metabolism of radio-labelled cytokinins in plant cells and tissues“

11:40 – 12:00 **Miloslav Juříček:** "RNA-Seq analysis reveals candidate genes for resistance in Malus-Venturia pathosystem"

12:00 – 12:10 **Concluding remarks**