

Co-Evolution: Plants and their Pathogens, the Never-Ending Story

Session 1 - 9th of June, 9:00 to 12:00



Hanna Susi - 9:15 (1 hr)

PhD, University Lecturer, Helsinki, Finland

Keynote: Eco-evolutionary dynamics of plant virus communities in the Åland metapopulation system

10:15- Clara Torres-Barceló, Phage-bacteria interactions in Madagascar rice epidemics (20min)

15-minute break

10:50 - Jeanne Legendre--Despas, Role of a chromosomal inversion in adaptation in the pathogenic fungus *Cryphonectria parasitica* (20 min)

11:10 - Kadiatou Schiffer-Forsyth, Virulence factor interactions in *Melampsora larici-populina*: genetic basis and evolutionary dynamics (20min)

11:30 - Scott Heslop, A Demogenetic Approach to Inferring the Impact of Resistance Bypasses in Crops: Application to Blackleg Disease of Rapeseed (20 min)

11:50 – CLOSING



Session 2 - 10th of June, 9:30 to 12:00

9:30 - Fanny Hartmann, Role of chromosomal inversions in *Microbotryum* fungi host adaptation and co-evolution (20 min)

9:50 - Fabien Halkett, Influence of the cost of virulence on the dynamics of adaptation to a resistant host (20 min)

**Sam Mugford - 10:10 (1 hr)**

PhD, Research assistant, John Innes Centre,
Norwich, UK

Keynote: The molecular mechanisms of plant
immune-suppression by sap-feeding herbivores

10-minutes break

11:20 - Anne Genissel - Parallel evolution drives gene loss of function in the pathogen *Zymoseptoria tritici* (20 min)

11:40 - Diego Martín Fernández, Downy mildew virulence evolution on resistant grapevine varieties (20min)

12:00 - Discussion**12:10 - CLOSING**