Host-Microbes Genomics 2017

Friday 8 September, University of Neuchâtel UniMail, room B103 (Emile-Argand 11, https://goo.gl/maps/s3MUWuc3dt3



10:00	Welcome	
10:10	Coraline Praz (University of Zurich)	Non parent-of-origin expression of numerous effector genes indicates a role of gene regulation in host adaption of the hybrid triticale powdery mildew pathogen
10:30	Xin Ma (ETH Zurich, University of Zurich)	Cross-kingdom RNAi in the wheat - Z. tritici pathosystem
10:50	Kirsten Ellegaard (University of Lausanne)	Beyond 16S rRNA profiling: mapping intra-species diversity of the honeybee gut microbiota
11:10	Maryam Chaib De Mares (University of Groeningen)	Symbiotic features of sponge-associated microbes
11:30	Simone Fouché (ETH Zurich)	Meiosis drives chromosome instability in Zymoseptoria tritici
11:50	Isha Jamil (University of Neuchâtel)	Mycophagous lifestyle of <i>Bacillus sphaericus</i> against the phytopathogenic fungus <i>Rhizoctonia solani</i>
Flash talks	Nikhil Kumar Singh (University of Neuchâtel)	The genetic basis of pathogenicity evolution in Zymoseptoria tritici
	Anik Dutta (ETH Zurich)	Tapping the genetic potential of Swiss landraces for resistance to wheat blast (<i>Pyricularia graminis-tritici</i>)
Lunch		
13:15	Lea Stauber (WSL Birmensdorf & University of Neuchâtel) Leen Abraham	Studying the invasion history of a widespread clonal chestnut blight (<i>Cryphonectria parasitica</i>) strain in south-eastern Europe
Flash talks	(University of Neuchâtel)	Transcriptomic analyses of effector gene regulation in <i>Zymoseptoria tritici</i>
1410	Ursula Oggenfuss (University of Neuchâtel)	The role of transposable elements in the adaptive evolution of a plant pathogenic fungus
13:40	Maira de Freitas Pereira (WSL Birmensdorf & INRA Nancy)	Secretome analysis from the ectomycorrhizal ascomycete Cenococcum geophilum
14:00	Cécile Lorrain (INRA Nancy)	The poplar rust fungus effector biology: challenges of functional characterization of effectors in a non-model pathosystem
14:20	Parvathy Krishnan (ETH Zurich)	Diversity of melanization levels is determined by a tight regulation of the transcription factor ZMR1
14:40	Lukas Meile (ETH Zurich)	Recognition of a highly polymorphic avirulence gene in Zymoseptoria tritici contributes to resistance in wheat
Coffee break		
15:30	Norfarhan Mohd Assa'ad (ETH Zurich)	Genomic studies of adaptation in natural populations of a fungal plant pathogen
15:50	Stefan Linder (University of Zurich)	Single amino acid mutations in the wheat powdery mildew resistance protein PM3A enhance AVR recognition resistance spectrum
16:10	Thomas Badet (INRA Toulouse)	Codon usage and the cost of being a generalist
16:30	Final discussion & apéro	

Everybody is welcome to attend. Lunch will be in the UniMail cafeteria.

Information for speakers: Talks should be 15' (flash talks 5'). Please email the PDF of your presentation at least 1h before to <u>daniel.croll@unine.ch</u> to save time during the workshop. Alternatively bring your slides as a PDF on a USB stick and load it 15' before the start of your session. We will provide a computer.

We are looking forward to welcome you all in Neuchâtel!
Daniel Croll (UNINE), Andrea Sánchez-Vallet (ETH Zürich), Salim Bourras (UZH)





