



Wednesday - 05.06.2024	
LFW B1 (conference room)	
17:00 - 17:30	<b>Registration</b>
18:00 - 18:10	<b>Welcome</b>
18:10 - 19:00	Insights from a gall-inducing fungus - <b>Armin Djamei</b>
19:00 - 20:00	<b>Reception (LFW Entrance Hall)</b>

Thursday - 06.06.2024	
CHN C14 (conference room)	
08:30 - 09:00	<b>Registration</b>
09:00 - 09:35	Unraveling the coevolutionary dynamics of the <i>Pyrenophora teres</i> - barley pathosystem through population genomics - <b>Pierre Gladieux</b>
09:35 - 09:55	Ducks in a row: multiple effectors of <i>Pyrenophora teres</i> f. <i>teres</i> target a single host susceptibility locus in barley - <b>Michele Malvestiti</b>
09:55 - 10:15	Unraveling the importance of <i>Pyrenophora tritici-repentis</i> necrotrophic effectors behind tan spot epidemics in the Nordics - <b>Annika Johansson</b>
10:15 - 10:35	Toward understanding of the molecular basis of the Ptr ToxC production in wheat tan spot pathogen <i>Pyrenophora tritici-repentis</i> - <b>Zhaohui Liu</b>
10:35 - 11:05	<b>Break</b>
11:05 - 11:35	The leaf microbiota of grasses establish interactions with <i>Zymoseptoria</i> species beyond antagonism - <b>Victor Flores-Núñez</b>
11:35 - 11:55	Killer proteins 4 and 6 from the fungal wheat pathogen <i>Zymoseptoria tritici</i> are toxic to fungi and structurally related to effector families - <b>Marc-Henri Lebrun</b>
11:55 - 12:15	Rapid mitochondrial genome structure evolution in <i>Zymoseptoria tritici</i> and beyond - <b>Ivan Skakov</b>
12:15 - 14:00	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 5px;"> <b>13:20 - 13:50</b> Functional genomics tools roundtable - Marc-Henri Lebrun, Nicolas Lapalu         </div> <div style="text-align: right;"> <b>Lunch and posters</b> </div> </div>
14:00 - 14:30	Life on the wheat leaf: the epiphytic interactions of <i>Z. tritici</i> with its host - <b>Helen Fones</b>
14:30 - 14:50	Towards high throughput in-field detection and quantification of wheat foliar diseases with deep learning - <b>Radek Zenkl</b>
14:50 - 15:10	Image-based symptom tracking to decompose quantitative resistance in the field - <b>Jonas Andereg</b>
15:10 - 15:30	Impact of sexual reproduction on adaptive dynamics of <i>Z. tritici</i> populations driven by R-AVR interaction - <b>Frédéric Suffert</b>
15:30 - 16:00	<b>Break</b>
16:00 - 16:30	The role of fungal effectors during interactions between wheat and <i>Zymoseptoria tritici</i> - <b>Graeme Kettles</b>
16:30 - 16:50	Mechanisms of infection and response of the fungal wheat pathogen <i>Zymoseptoria tritici</i> during compatible, incompatible and non-host interactions - <b>Sandra Gómez</b>
16:50 - 17:10	The wheat pathogen, <i>Zymoseptoria tritici</i> , expresses effectors that bind lipid transfer proteins (LTPs; PR-14) - <b>Eli Thynne</b>
17:10 - 17:40	<i>Zymoseptoria tritici</i> effectors: Understanding their regulation and wheat targets - <b>Andrea Sánchez-Vallet</b>
18:30 - 20:00	<b>City Walking Tour</b>



## Friday - 07.06.2024

### CHN C14 (conference room)

08:30 - 09:00	<b>Registration</b>
09:00 - 09:35	Sanctuary: A Starship transposon facilitating the movement of the virulence factor ToxA in fungal wheat pathogens - <b>Megan McDonald</b>
09:35 - 09:55	Exploring transposable element-mediated adaptive trait evolution using a large fungal pathogen genome panel - <b>Tobias Baril</b>
09:55 - 10:15	TE-driven rapid adaptive evolution of the fungal pathogen <i>Zymoseptoria tritici</i> against <i>Stb16</i> resistance gene - <b>Ulyse Guilloteau</b>
10:15 - 10:35	Diversification, loss, and virulence gains of <i>AvrStb6</i> during continental expansion of <i>Zymoseptoria tritici</i> - <b>Margarida Sampaio</b>
10:35 - 11:05	<b>Break</b>
11:05 - 11:35	Tracing the worldwide emergence of tan spot disease in wheat - <b>Reem Aboukhaddour</b>
11:35 - 11:55	Exploring the role in virulence of a <i>Zymoseptoria tritici</i> candidate effector during wheat infection - <b>Ana Elizabet Bergues Pupo</b>
11:55 - 12:15	Leveraging Neural Networks Trained on Genomic Sequences for Insights into Fungal Pathogen Genomics - <b>Alice Feurley</b>
12:15 - 14:00	<b>Lunch and posters</b>
14:00 - 14:30	From population dynamics to the prediction and management of fungicide resistance: the case of <i>Zymoseptoria tritici</i> - <b>Anne-Sophie Walker</b>
14:30 - 14:50	Improved field and environmental diagnostics for sustainable pest management - <b>Luca Cornetti</b>
14:50 - 15:10	The status of net form net blotch of barley in Western Australia using high-resolution phenotyping and multi-omic analyses - <b>Fatima Naim</b>
15:10 - 15:30	The complex genetic landscape of fungicide resistance evolution in <i>Zymoseptoria tritici</i> - <b>Guido Puccetti</b>
15:30 - 16:00	Accelerating identification of resistance to major wheat fungal threats in Tunisia - <b>Sarah Ben M'Barek</b>
16:00 - 16:30	<b>Break</b>
16:35 - 16:50	The origin and making of IPO323 as a community reference - <b>Gert HJ Kema</b>
16:50 - 17:05	From Snodprot to Snogs - <b>Richard Oliver</b>
17:05 - 17:20	Molecular interactions between genetics and plant pathology: a fungal point of view - <b>Marc-Henri Lebrun</b>
17:20 - 17:35	To Septoria and beyond with some help from my friends - <b>Stephen Goodwin</b>
17:35 - 17:50	A pleasant journey through the population genetics of fungal plant pathogens - <b>Bruce McDonald</b>
17:50 - 18:30	Panel discussion on the past and the future of the field
18:30 - 20:00	<b>Poster session and snacks</b>

## Saturday - 08.06.2024

### HG D1.1 (conference room)

09:00 - 09:35	The diversity of genes involved in wheat resistance to Septoria tritici blotch - <b>Cyrille Sainetac</b>
09:35 - 09:55	Using <i>Nicotiana benthamiana</i> to understand non-host resistance against <i>Zymoseptoria tritici</i> - <b>Abdelrahman Mohammad</b>
09:55 - 10:15	Enhancing STB Resistance in Australian Wheat Breeding through Multi-Stage Resistance loci - <b>Nannan Yang</b>
10:15 - 10:35	Exploration of synthetic wheats for resistance to Septoria leaf blotch disease - <b>Kostya Kanyuka</b>
10:35 - 11:05	<b>Break</b>
11:05 - 11:35	Exploring the genomic landscape of rapid adaptation in the fungal wheat pathogen <i>Zymoseptoria tritici</i> - <b>Cécile Lorrain</b>
11:35 - 11:55	Local adaptation to temperature in a genetically diverse world-wide collection of a major plant pathogen - <b>Silvia Miñana-Posada</b>
11:55 - 12:15	Wheat blast - an expanding disease threatening global wheat production - <b>Pawan Singh</b>
12:15 - 13:45	<b>Lunch</b>
13:45 - 14:15	The cloning of susceptibility genes in wheat reveals diverse host targets hijacked by necrotrophic pathogens - <b>Justin Faris</b>
14:15 - 14:35	Exploring the role of the <i>Parastagonospora nodorum</i> necrotrophic effector, SnTox267, during in planta colonization - <b>Ashley Nelson</b>
14:35 - 14:55	Mediterranean durum wheat: A genetically diverse panel harboring valuable sources of resistance to tan spot disease - <b>Marwa Laribi</b>
14:55 - 15:15	The specialization of <i>Zymoseptoria tritici</i> on durum wheat - <b>Thierry Marcel</b>
15:15 - 15:45	<b>Break</b>
15:45 - 16:35	Mycorrhizas and Microbiome Management for a Sustainable Agriculture - <b>Marcel van der Heijden</b>
16:35 - 16:45	<b>Closing</b>
18:30 - 22:00	<b>Conference Dinner (Dozentenfoyer)</b>