

69. Conference

19 - 21 November 2018

Topics:

- Resistance breeding: from pathogen epidemiology to molecular breeding
- Free Topics

Program

Conference venue:

Höhere Bundeslehr- und Forschungsanstalt für Landwirtschaft Raumberg-Gumpenstein
(HBLFA)

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**BUNDESMINISTERIUM
FÜR NACHHALTIGKEIT
UND TOURISMUS**

HBLFA RAUMBERG-GUMPENSTEIN
LANDWIRTSCHAFT

Monday, 19 November 2018

13:00 – 14:00 Registration

14:00 – 14:20 Opening

14:20 – 14:45 VALARIK Miroslav
Olomouc, CZ

Reference genome sequence and its implications for a “perfect marker” development

14:45 – 15:10 MASCHER Fabio
(Nyon, CH)

Is there a type VI resistance against Fusarium head blight?

15:10 – 15:35 STEINER Barbara
(Tulln, AT)

Improving Fusarium head blight resistance in durum wheat

15:35 – 16:05 Coffee break

16:05 – 16:30 WAGNER Christian
(Tulln, AT)

Gain by loss: high resolution mapping of the Fusarium head blight resistance QTL *Qfhs. ifa-5A* in wheat

16:30– 16:55 MOLNAR Istvan
(Martonvasar, HU)

The use of wild relatives and chromosome genomics for gene mapping, cloning and improving rust resistance in wheat

19:00 CONFERENCE DINNER

Tuesday, 20 November 2018

9:00 – 9:25	BORGEN Anders (Mariager, DK)	Identifying resistance genes in wheat against common bunt (<i>Tilletia caries</i>) by use of virulence pattern of the pathogen
9:25 – 09:50	DUMALASOVA Veronika (Prag, CZ)	Reaction of Czech winter wheat varieties to eyespot
09:50 – 10:15	STADLMEIER Melanie (Freising, DE)	QTL analysis of resistance to the fungal pathogens <i>Pyrenophora tritici-repentis</i> , <i>Zymoseptoria tritici</i> and <i>Blumeria graminis</i> using a multiparent advanced generation intercross (MAGIC) population in winter wheat
10:15 – 10:45	Coffee break	
10:45 – 11:10	GRUNER Paul (Hohenheim, DE)	Molecular breeding for stem rust resistance in winter rye
11:10 – 11:35	KODISCH Anna (Hohenheim, DE)	Influence of isolate, rye hybrid and environment on the ergot reaction of winter rye
11:35 – 12:00	MESZAROS Klara (Martonvasar, HU)	Investigation of net blotch resistance of barley and preliminary data on Hungarian pathotypes of <i>Pyrenophora teres f. teres</i>
12:00 – 14:00	LUNCH BREAK	
14:00 – 14:25	MOHLER Volker (Freising, DE)	Genetic analysis of new sources of seedling resistance to powdery mildew and crown rust in oat
14:25 – 14:50	HAASE Florian (Groß Lüsewitz, DE)	A transcriptome-based approach for developing breeding lines in <i>Lolium</i> sp. with multiple pathogen resistance
14:50 – 15:15	BRADER Günter (Tulln, AT)	Stolbur phytoplasma in potato and vegetables
15:15 – 15:40	KOPPER Elisabeth (Wien, AT)	Micropropagation and virus elimination in elderberry (<i>Sambus nigra</i>)
15:40 – 16:10	Coffee break	
16:10 – 16:35	MICHEL Sebastian (Tulln, AT)	Winter is coming: Improving and maintaining winter hardiness and frost tolerance in bread wheat by genomic selection
16:35 – 17:00	KATOUZI Mahnaz (Nyon, CH)	Molecular mapping for salinity tolerance in F ₈ rice recombinant inbred lines

Wednesday, 21 November 2018

8:30 – 8:55	SAFAR Jan (Olomouc, CZ)	Study of flowering time genes for crop improvement
8:55 – 9:20	PFAFFENBICHLER Nikolaus (Tulln, AT)	SEEDJECTION™ – bringing microorganisms into seeds
9:20 – 09:45	GRAUSGRUBER Heinrich (Tulln, AT)	Less-is-better: improving forage quality of barley
09:45 – 10:15	Coffee break	
10:15 – 10:40	VOLLMANN Johann (Tulln, AT)	Soybean breeding for organic farming: breeding goals and possibilities
10:40 – 11:05	GRAUSGRUBER Heinrich (Tulln, AT)	ECOBREED - A new H2020 project devoted to organic crop breeding
11:05 – 11:30	GROSSLERCHER Ernst (Groß-Enzersdorf, AT)	Genotypic selection in wheat on the field: an overall concept
11:30	CLOSING WORDS	

MEETING ENDS