

# 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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[raumberg-gumpenstein.at](http://raumberg-gumpenstein.at)

## 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   | <b>BORGEN Anders</b><br>(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  | <b>DUMALASOVA Veronika</b><br>(Prag, CZ)    | Reaction of Czech winter wheat varieties to eyespot   |
| 09:50 – 10:15 | <b>STADLMEIER Melanie</b><br>(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 | <b>Coffee break</b>                         |   |
| 10:45 – 11:10 | <b>GRUNER Paul</b><br>(Hohenheim, DE)       | Molecular breeding for stem rust resistance in winter rye   |
| 11:10 – 11:35 | <b>KODISCH Anna</b><br>(Hohenheim, DE)      | Influence of isolate, rye hybrid and environment on the ergot reaction of winter rye  |
| 11:35 – 12:00 | <b>MESZAROS Klara</b><br>(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 | <b>LUNCH BREAK</b>                          |   |
| 14:00 – 14:25 | <b>MOHLER Volker</b><br>(Freising, DE)      | Genetic analysis of new sources of seedling resistance to powdery mildew and crown rust in oat  |
| 14:25 – 14:50 | <b>HAASE Florian</b><br>(Groß Lüsewitz, DE) | A transcriptome-based approach for developing breeding lines in <i>Lolium</i> sp. with multiple pathogen resistance   |
| 14:50 – 15:15 | <b>BRADER Günter</b><br>Tulln, AT           | Stolbur phytoplasma in potato and vegetables  |
| 15:15 – 15:40 | <b>KOPPER Elisabeth</b><br>(Wien, AT)       | Micropropagation and virus elimination in elderberry ( <i>Sambus nigra</i> )  |
| 15:40 – 16:10 | <b>Coffee break</b>                         |   |
| 16:10 – 16:35 | <b>MICHEL Sebastian</b><br>(Tulln, AT)      | Winter is coming: Improving and maintaining winter hardiness and frost tolerance in bread wheat by genomic selection  |
| 16:35 – 17:00 | <b>KATOUZI Mahnaz</b><br>(Nyon, CH)         | Molecular mapping for salinity tolerance in F <sub>8</sub> rice recombinant inbred lines  |

## **Wednesday, 21 November 2018**

|                      |  |   |
|----------------------|--|---|
| <b>8:30 – 8:55</b>   | <b>SAFAR Jan</b><br>(Olomouc, CZ)                  | <b>Study of flowering time genes for crop improvement</b>                     |
| <b>8:55 – 9:20</b>   | <b>BÖCK Theresa</b><br>(Wien, AT)                  | <b>Nutritional properties of oat and naked oat cultivars</b>                  |
| <b>9:20 – 09:45</b>  | <b>GRAUSGRUBER Heinrich</b><br>Tulln, AT           | <b>Less-is-better: improving forage quality of barley</b>                     |
| <b>09:45 – 10:15</b> | <b>Coffee break</b>                                |   |
| <b>10:15 – 10:40</b> | <b>VOLLMANN Johann</b><br>(Tulln, AT)              | <b>Soybean breeding for organic farming: breeding goals and possibilities</b> |
| <b>10:40 – 11:05</b> | <b>N.N.</b>  | <b>ECOBREED - A new H2020 project devoted to organic crop breeding</b>        |
| <b>11:05 – 11:30</b> | <b>GROSSLERCHER Ernst</b><br>(Groß-Enzersdorf, AT) | <b>Genomic selection in wheat on the field: an overall concept</b>            |
| <b>11:30</b>         | <b>CLOSING WORDS</b>                               |   |

**MEETING ENDS**