

## Program of 6<sup>th</sup> Festulolium Working Group Workshop



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### Day 1: Tuesday April 5

- 8:30 Departure from Arigone hotel
- 9:00-9:20 Opening of Workshop
- 9:20-10:00 Invited talk:** **Beat Boller** (Agroscope, Switzerland): *Potential and limits of breeding hybrid ryegrass, a commercially successful forage species hybrid.*

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### Session I: Breeding, phenotyping and physiology (Chairman: Liv Østrem)

- 10:00-10:05 **Grazina Statkeviciute** (LRCAF Institute of Agriculture, Lithuania): *Festulolium breeding in Lithuania: an overview.*
- 10:05-10:10 **Joost Baert** (ILVO, Belgium): *Comparison of Festulolium as mid-term ley for silage with other cool season grasses.*
- 10:10-10:15 **Dejan Sokolovic** (Institute of Forage Crops, Serbia): *Summer persistency of different Festulolium hybrids in Serbian climate.*
- 10:15-10:20 **Stanislav Hejduk** (Mendel Univeristy, Czech Republic): *The differences among root systems of Festuloliums and the parent species.*
- 10:20-10:25 **Vilma Kemesyte** (LRCAF Institute of Agriculture, Lithuania): *Winter survival evaluation of the Lithuanian Festulolium cultivars.*
- 10:25-10:30 **Stephan Hartman** (Bavarian State Research Center for Agriculture, Germany): *Widening the genetic diversity of Bavarian meadow fescue (Festuca pratensis HUDS.) gene pool by introgression of perennial ryegrass (Lolium perenne L.)*
- 10:30-10:35
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- 10:35-11:15 Coffee break
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## Session II: Ecology and breeding (Chairman: Vladimír Černoč)

11:15-11:40 grasslands	<b>Mike Humphreys</b> (IBERS, Wales): Developing climate-smart
11:40-12:05	<b>John Harper</b> (IBERS, Wales): Festulolium hybrids in a changing climate, what can they offer? A story from the flood plains to the high mountains.
12:05-13:05	Lunch
13:05	Departure to DLF Hladké Životice
13:50	Arrival to Hladké Životice
13:50-15:15	Visit of DLF Hladké Životice
15:15-16:00	Coffee break
16:15	Departure to Hynčice
16:45	Arrival to Hynčice
16:45-17:45	Visit of birthplace of G. J. Mendel
18:00-21:00	Conference Dinner
21:15	Departure to Olomouc
22:00	Arrival to Olomouc

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## Day 2: Wednesday April 6

8:30 Departure from Arigone hotel

**9:00-9:40 Invited talk:** **Bruno Studer** (ETH, Switzerland): *Recent advances in genomics - time for a forage grass genome initiative?*

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### Session III: Molecular biology, cytogenetics and cytometry (Chairman:

**Zbigniew Zwierzykowski)**

9:45-9:50 **Dimitra Loka** (IBERS, Wales) *How one stress might impact on another.*

9:50-9:55 **Veronika Burešová** (Institute of Experimental Botany, Czech Republic): *3D organization of plant nucleus in interspecific hybrids.*

9:55-10:00 **Laiane Corsini Rocha** (Federal University of Lavras, Brasil): *Particularities in the behavior of 45S rDNA sites of Lolium and Festuca.*

10:00-10:05 **Tomasz Książczyk** (Institute of Plant Genetics, Poland): *Obtaining and cytogenetic identification of reciprocal hybrids between Festuca glaucescens × Festuca pratensis.*

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10:05-10:50 Coffee break

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### Session IV: Genomics and transcriptomics (Chairman: Marc Ghesquiere)

10:50-11:15 **Eva Hřibová** (Institute of Experimental Botany, Czech Republic): *Comparative analysis of repetitive DNA in eight representatives of fescues and ryegrasses.*

11:15-11:40 **Mallikarjuna Rao Kovi** (Norwegian University of Life Sciences, Norway): *Festulolium transcriptome changes during cold acclimation, deacclimation and reacclimation.*

11:40-12:05 **Štěpán Stočes** (Institute of Experimental Botany, Czech Republic): *Gene expression in interspecific hybrids.*

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12:05-13:00 Lunch

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**Session V: Festulolium common trial (Chairman: Mike Humphreys)**

13:00-13:45	Lab Tour
13:45-14:10	<b>David Kopecký</b> (Institute of Experimental Botany, Czech Republic): <i>Genotyping of Festulolium</i> .
14:10-14:35	<b>Marc Ghesquiere</b> (INRA, France): <i>From phenotype to genotype: the case-study of a common field trial initiated through Eucarpia for promoting Festulolium breeding</i> .
14:35-15:10	Coffee break
15:10-15:45	<b>Vladimír Černoč</b> (DLF Hladké Životice, Czech Republic): <i>Results of multilocation X Festulolium trials</i>
15:45-17:15	General discussion on the Festulolium common field trial
17:15-17:20	General conclusions and meeting closure
17:30	Departure to Olomouc city center
18:00-19:00	City Tour of Olomouc
19:00-22:00	Conference Dinner