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Session 1

Jana Řepková et al. (Czech Republic):

Interspecific hybrids Trifolium pratense x Trifolium medium as the source of new diversity

Mathias Cougnon et al. (Belgium):

Factors influencing preference of tall fescue genotypes for grazing sheep

Sanja Vasiljević et al. (Serbia):

Genetic diversity of red clover (*Trifolium pratense* L.) determined by phenotypic traits and SSR molecular markers

Daniela Knotová et al. (Czech Republic):

The utilisation of wild Fabaceae species in grasslands

Abderrezak Chebouti et al. (Algeria):

Characterization of some local populations of *Medicago minima* collected in Central Steppe of Algeria

An Ghesquiere and Joost Baert (Belgium):

Breeding perennial ryegrass with enhanced water soluble carbohydrate content

Annemie Van Minnebruggen et al. (Belgium):

Different aspects of shoot branching in red clover

Ants Bender and Sirje Tamm (Estonia):

Fertilization value of early red clover (*Trifolium pratense* L.) 'Jõgeva 433', washington lupin (*Lupinus polyphyllus* Lind.) 'Lupi' and crimson clover (*Trifolium incarnatum* L.) as green manure crops

Arkadiusz Kosmala et al. (Poland):

Chloroplast proteome of Festuca arundinacea during drought conditions

Baldomero Alarcon-Zuniga and Teresa Cervantes-Martínez (Mexico):

Heritability and genetic correlations of forage yield traits in alfalfa (*Medicago sativa* L.) for highland central valleys of Mexico

Frederik van Parijs et al. (Belgium):

Variation in cell wall digestibility of perennial ryegrass at heading stage

Ranko Gantner et al. (Croatia):

Genotype, species and environment in forage pea/cereal mixtures

Jan Pelikán et al. (Czech Republic):

Variability of selected traits in the Czech alfalfa core collection

Aper Jonas et al. (Belgium):

Drought effect on yield of perennial ryegrass (Lolium perenne L.)b

Julio G. Velazco and Pedro Rimieri (Argentina):

Stability analysis in foxtail millet landraces, pure lines and composite cultivars for forage yield

Vilma Kemešytė et al. (Lithuania):

Morphological variation between perennial ryegrass (Lolium perenne L.) wild ecotypes

Ligita Balezentiene (Lithuania):

Indicating soil quality using urease and saccharase activity in abandoned grassland and differently managed crop fields

Luciano Pecetti et al. (Italy):

Patterns of morphophysiological diversity and their implications for selection of grazing-tolerant lucerne

Luisa Last et al. (Switzerland):

Intensive management reduces genetic diversity of *Dactylis glomerata* in Swiss permanent grassland

Marijana Tucak et al. (Croatia):

Agro-morphological and forage quality traits of selected alfalfa populations and their application in breeding

Marilena Paolini et al. (Italv):

New insights into alfalfa forage quality through the research project Qual&Medica

Eyüp Erdem Teykin and Metin Tuna (Turkey):

Determination of ploidy and DNA content of *Bromus catharticus* Vahl accessions by flow cytometer

Aleksandar Mikić et al. (Serbia):

Some aspects of breeding forage brassicas

Aleksandar Mikić and Vojislav Mihailović (Serbia):

Wild and less cultivated vetches (Vicia spp.) as forage crops

Mohamed Mefti et al. (Algeria):

Morphological evaluation of some perennial grass cultivars in Algerian semi arid conditions

Pedro Rimieri (Argentina):

Tall fescue *Palenque Plus INTA*: source of stress tolerance and forage quality in breeding program from Argentina

Philippe Barre et al. (Morocco):

Towards productive summer dormant cocksfoot (*Dactylis glomerata* L.) for sustainability of forage production under severe summer drought

Radek Macháč and Bohumír Cagaš (Czech Republic):

Resistance of perennial ryegrass varieties to stem rust

Aleksandar Simić et al. (Serbia):

Traits stability of Italian ryegrass tetraploid cultivar during seed production in diverse environmental conditions

Snežana Babić et al. (Serbia):

Genetic variability of the most important traits of meadow fescue genotypes

Tanja Vasić et al. (Serbia):

Assessment of resistance of different alfalfa genotypes to tested isolates of Colletotrichum destructivum

Tihomir Čupić et al. (Croatia):

The influence of climatic conditions on the hay yield of the certain types of grass

Vasil Buhayov (Ukraine):

Alfalfa breeding under conditions of high soil acidity

Vojislav Mihailović and Aleksandar Mikić (Serbia):

Ideotypes of forage pea (Pisum sativum) cultivars

Vojo Radić et al. (Bosnia-Herzegovina, Republic of Srpska):

The sum of effective temperatures for seed production of birdsfoot trefoil (*Lotus corniculatus* L.)

Tomáš Vymyslický et al. (Czech Republic):

The Czech core collection of *Medicago* spp.

Session 2

Meraluna Canunayon and Daniel Thorogood (U.K.):

Identification of QTLs for leaf senescence in perennial ryegrass (*Lolium perenne L.*)

Dragan Milić et al. (Serbia):

Heterosis in alfalfa breeding

Schubiger Franz Xaver and Boller Beat (Switzerland):

Inheritance of crown rust resistance in a perennial ryegrass genotype of the cultivar Arvella

Joost Baert et al. (Belgium):

Variation of cell wall digestibility in fodder grasses and a perennial ryegrass breeding pool

Kovi Mallikarjuna Rao et al. (Norway):

Transcriptome profiling under hardening/de-hardening conditions in *Lolium perenne* by RNA-sequencing

Jasmina Milenkovic et al. (Serbia):

Allele frequency of local maize inbred lines

Ottilia Nhengiwa (Germany):

Breeding of rye grass varieties adapted to biotic and abiotic stress by integration of innovative genomic and metabolomic tools

Adrian Czaban et al. (Denmark):

Next generation genotyping strategies to enable genomic selection.

Massimo Confalonieri and Paolo Annicchiarico (Italy):

Lucerne genetic variation for response to tissue culture and in vitro shoot regeneration, and its relationship with other traits

Elazreg Hanen et al. (Tunisia):

Characterization of polymorphic SSR loci isolated from *Lolium Perenne* L. for genetic diversity study of *Lolium Arundinaceum* Schreb.

Frederik van Parijs et al. (Belgium):

Developing SNP Assays for LoliumPerenne: a Pilot Study for LpCCR1

Ghariani Salma et al. (Tunisia):

Genetic diversity estimation of Tunisian perennial ryegrass germplasm using different molecular methods

Gražina Statkevičiūtė et al. (Lithuania):

AFLP analysis of genetic diversity in an association mapping panel of *Lolium* perenne L.

Kristina Jonavičienė et al. (Lithuania):

Differential expression of candidate genes during freezing test in perennial ryegrass

Rafael Reyno et al. (U.S.A.):

Evaluation of two transgenes for aluminum tolerance in alfalfa

Rattan Yadav et al. (U.K.):

QTLs for nitrogen use efficiency in perennial ryegrass Lolium perenne

Stepan Stoces et al. (Czech Republic):

Gene expression analysis in Festulolium hybrids using RNAseq

Ksenija Taski-Ajdukovic et al. (Serbia):

Genetic variation and relationships of tetraploid alfalfa paternal populations and their progenies based on RAPD markers

Vladimír Černoch et al. (Czech Republic):

Use of DArTFest Array in Breeding of xFestulolium

Yuanhong Han et al. (U.S.A.):

High density array for SNP genotyping and mapping in tetraploid alfalfa

Session 4

Aina Ramsay and Mueller-Harvey (U.K.):

Condensed tannin analysis by thiolytic degradation in sainfoin (*Onobrychis viciifolia*) silage

Dušica Delić et al. (Serbia):

Effect of different rhizobacteria on alfalfa, *Medicago sativa* L. yield by inoculation of a preceding oats, *Avena sativa* L.

Amel Maamouri et al. (France):

Traits explaining genetic ability of alfalfa to forage production in alfalfa-fescue mixtures

Ants Bender and Sirje Tamm (Estonia):

Fertilization value of early red clover (*Trifolium Pratense* L.) 'Jõgeva 433', washington lupin (*Lupinus Polyphyllus* Lind.) 'Lupi' and crimson clover (*Trifolium Incarnatum* L.) as green manure crops

Karin Förster et al. (Germany):

Phalaris arundinacea L.: Variations in seed shattering and related traits in a breeding collection.

Mike Humphreys (U.K.):

Festulolium: Grasses offering a security against climate change and an environmental service

Snežana Andjelković et al. (Serbia):

The influence of individual and combined inoculants on development of alfalfa on acidic soil