

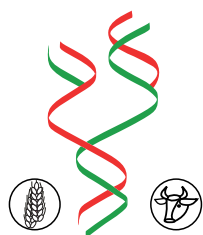
Tento projekt je spolufinancován Evropským sociálním fondem a státním rozpočtem České republiky.



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ



CZ.1.07/2.3.00/09.0037



International Conference

**XXIV<sup>th</sup> GENETIC DAYS**

SEPTEMBER 1<sup>th</sup> - 3<sup>rd</sup>, 2010 - BRNO, CZECH REPUBLIC

Focus

“Functional genomics and proteomics for sustainable agriculture”

**D E T A I L E D P R O G R A M**



## Conference Program "Genetic Days 2010"

1 <sup>st</sup> September 2010	
08.30 - 9.30	<b>Registration at the conference reception (Room 2)</b>
09.30 - 9.40	<b>Welcome</b>
09.40 - 11.45	<b>Opening plenary session (Room 2)</b>
09.45	Dan Nonneman – Genome based technologies for identifying genes important for swine production
10.45	Laslo Szabados – Use of the Conditional Overexpression System to identify novel regulatory genes in environmental stress responses and ABA signaling
11.45 - 13.00	<b>Lunch</b>
13.00 - 14.00	<b>Poster sessions 1, 3</b>
14.00 - 16.00	<b>Parallel plenary sessions 1 (Room 2), chairman H. Wierzbicky</b>
14.00	Roberta Davoli – Transcriptomics and pig meat quality
15.00	Marek Switonski – Functional genomics in dissecting livestock production traits
14.00 - 16.00	<b>Parallel plenary sessions 3, 4 (Room 1), chairman N. S. Kiran</b>
14.00	Jutta Ludwig-Müller – Transcriptome and proteome analysis to understand the clubroot disease of <i>Brassicaceae</i>
15.00	Kamil Růžička – Putative splicing factor PX1 regulates vascular patterning
15.30	Klára Hoyerová – Prospects and limits of senescence-induced <i>ipt</i> gene expression for enhancement of plant productivity
16.00 - 16.30	<b>Coffee break</b>
16.30 - 18.00	<b>Parallel sessions 1 (Room 2), chairman H. Wierzbicky</b>
16.30	Valery I. Glazko – Structural and functional bases for gene network organization
16.50	Jindřich Čítek – Congenital disorders in the cattle population of the Czech Republic
17.10	Anton V. Pheophilov – Structural and functional bases for gene network organization
17.30	Daniela Schröffelová – Microsatellite null alleles in animal parentage testing
16.30 - 18.00	<b>Parallel sessions 3 (Room 1), chairman B. Brzobohatý</b>
16.30	Martin Černý – Novel links between temperature, calcium and cytokinin signaling identified by proteome- and phosphoproteome-wide profiling in <i>Arabidopsis</i>
16.50	Dušan Turek – New direction of research the enzyme Zm-p60.1 $\beta$ -glucosidase from <i>Zea mays</i>
17.10	Jana Hradilová – Comparative analysis of the two contrasting flax cultivars upon cadmium exposure
17.30	Slavomír Rakouský – GFP-target Gene Fusion in Gene Expression Studies of Serine Protease Inhibitor in Plants
19.30 - 22.30	<b>Get Together Party (ground floor, building Q)</b>

**Room 1 – Auditorium maximum, ground floor, building A, Zemědělská 1**

**Room 2 – Great Hall (Aula), 3<sup>rd</sup> floor, building A, Zemědělská 1**

<b>2<sup>nd</sup> September 2010</b>	
<b>9.00 - 10.00</b>	<b>Poster session 5</b>
<b>10.00 - 12.00</b>	<b>Parallel plenary sessions 2 (Room 2), chairman Vostrý</b>
10.00	Manfred Mayer – Estimation of genetic effects as a prerequisite for selection
11.00	Johann Sölkner – Genomic Selection: Promise, Experience, Expectation
<b>10.00 - 12.00</b>	<b>Parallel sessions 4 (Room 1), chairman V. Reinöhl</b>
10.00	Martina Nováková – Genetically modified tobaccos for enhanced phytoremediation of PCBs and toluene
10.20	Klára Kosová – Dehydrins as markers of low-temperature tolerance in wheat and barley
10.40	Jaroslava Cieslarová – The Stability of Microsatellite Markers in Pea ( <i>Pisum sativum</i> L.)
11.00	Petr Smýkal – Marker assisted pea breeding: <i>eIF4Ee</i> and <i>eIF4Eiso</i> allele specific markers to Pea seed-borne mosaic virus (PSbMV) resistance
11.20	Petr Smýkal – Phylogeny, phylogeography and genetic diversity of <i>Pisum</i> genus
11.40	Jáchym Šuman - <i>met</i> region from plasmid pA81 from bacterium <i>Achromobacter xylosoxidans</i> A8 and associated phenotypical effects in <i>Escherichia coli</i>
<b>12.00 - 13.00</b>	<b>Lunch</b>
<b>13.00 - 13.30</b>	<b>Poster sessions 2, 4</b>
<b>13.30 - 15.00</b>	<b>Parallel sessions 2 (Room 2), chairman Vostrý</b>
13.30	Ludmila Lukeszová – Presentation of Bio-Consult Laboratories s.r.o. (QIAGEN)
13.50	Juraj Candrák – Perspectives of the Cattle Genetic Evaluation Systems in the Slovak Republic
14.10	Jaromír Dostál – Phenotypic variability of PRCD expression in different dog breeds
14.30	Tatiana T. Glazko – Genetical and environment components of micronuclei test
<b>13.30 - 15.00</b>	<b>Parallel plenary sessions 3, 4, chairman V. Reinöhl</b>
13.30	Miroslav Griga – Transgenesis in Pea ( <i>Pisum sativum</i> L.) for Virus Resistance
14.00	Wolfgang Höhenwarter – Accurate Mass Spectrometry Based Proteomics Reveals Protein Isoforms Distinguish Plant Phenotypes of <i>Solanum tuberosum</i>
<b>15.00 - 15.30</b>	<b>Coffee break</b>
<b>15.30 - 17.00</b>	<b>Parallel sessions 2 (Room 2), chairman L. Vostrý</b>
15.30	Ivan Majzlík – Old Kladruber horse as the gene resource in CR
15.50	Anna Hrdlicová – CORD 1 (Cone-Rod Dystrophy 1) in Czech Republic Dachshunds
16.10	Anna Macierzynska – Criteria of selecting SNPs when estimating haplotype frequencies for Polish dairy cattle
16.30	Josef Příbyl – Procedures of evaluation of genomic breeding value
<b>15.30 - 17.00</b>	<b>Parallel sessions 3 (Room 1), chairman B. Brzobohatý</b>
15.30	Jan Novák – Cytokinins induce HR-like cell death
15.50	Alena Reková – Opposing regulation of hypocotyl elongation by cytokinins at low intensity of white and red light
16.10	Vendula Hrdinová – In vivo analysis of protein-protein interactions within the two-component signaling network in <i>Arabidopsis</i>
16.30	Vilém Reinöhl – Cytokinins and polar transport of auxin in axillary pea buds
<b>17.10 - 17.20</b>	<b>Closing session (Room 2)</b>
<b>3<sup>rd</sup> September 2010</b>	
<b>9.00 - 13.00</b>	<b>Excursion – Hynčice Mendel's birthplace</b>



## Correspondence

### Organizing Committee:

International Conference XXIV<sup>th</sup> GENETIC DAYS 2010

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