

Programme

**8-th International Conference
of Journal of Central European Agriculture**

**THE ROLE OF ANIMAL PRODUCTION IN RURAL
DEVELOPMENT IN THE REGION OF CENTRAL AND
EASTERN EUROPE**

**November 20 – 22, 2013
Nitra, Slovak Republic**

Wednesday, 20 November 2013

Opening Ceremony and Plenary Session

Registration 10:00 – 13:00 Dormitory SD Bernolak

Posters installation 10:00 – 13:00 Congress Hall SD Bernolak

Opening **Dr.h.c. prof. Ing. Peter Bielik, Ph.D.**
Rector of the Slovak University of Agriculture in Nitra
13:00 Congress Hall SD Bernolak

Plenary Section Congress Hall SD Bernolak

***The role of Animal Production in Rural Development in
the Region of Central and Eastern Europe***

Chairman: Ondrej Debrecéni, Slovak Republic

13:15 Lacko-Bartošová, M. Solutions and trends in animal production within
Slovak Republic the EU agricultural policy

13:45 Debrecéni, O. The current status and the situation in livestock
Slovak Republic production in Central and Eastern European
countries

14:15 – 14:45 **Coffee Break**

14:45 Vajs, J. Present situation and evolution of animal
Slovak Republic production in Slovakia

15:15 Trebatický, R. Animal welfare in Rural Development in Slovak
Slovak Republic Republic

17:00 Opening Dinner SD Bernolak Dinning Room

Thursday, 21 November 2013

Scientific Sessions

Congress hall SD Bernolak

Accompanying event

Foyer SD Bernolak

10:00 – 16:00 Opening ceremony of International Day of family farms, presentation and degustation a selection of regional products

Scientific Section

Congress Hall SD Bernolak

Quality and safety farm animal products

Chairman: Juraj Mlynek, Slovak Republic

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|--------------|---|--|
| 9:00 | Čítek, J. et al.
Czech Republic | The analysis of the body composition changes during growth in pigs using the visual image analysis |
| 9:20 | Bučko, O. et al.
Slovak Republic | Differences in meat quality between traditional and modern pig farming systems |
| 9:40 | Imrich, I. et al.
Slovak Republic | Evaluation of production parameters in pigs in relation to the use of GM crops |
| 10:00 | Margetín, M. et al.
Slovak Republic | Fatty acids profile of intramuscular fat of light slaughter lambs |
| 10:20 | Vavrišínová, K. et al.
Slovak Republic | The veal production in Holstein and Slovak spotted breed |

10:40 – 11:10

Coffee Break and Posters Presentation

Scientific Section

Congress hall SD Bernolak

Livestock husbandry systems and animal welfare

Section dedicated to the 85th anniversary of Ing. Zinaida Kuzina, CSc.

Chairman: Nikola Kezič, Croatia

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|--------------|---|--|
| 11:10 | Kitowskii, I.
Cymerman, J.
Poland | Importance of cattle breeding for local avian biodiversity – case study from East Poland |
| 11:30 | Debreceni, O. et al.
Slovak Republic | Behaviour of pigs in response to high temperature |
| 11:50 | Angelovičová, M.
Kliment, M. | Tibia Mineralization of Chickens Determined to Meat Production Using a Microbial Phytase |

Slovak Republic

12:10 Mlyneková, E. et al. Evaluation of lines nonius breed in Slovakia
Slovak Republic

12:30 – 13:30 Lunch SD Bernolak Dinning Room

Scientific Section

Congress Hall SD Bernolak

Economy of production, management and safety on animal products market

Chairman: Nikola Kezič, Croatia

13:30 Błażejczyk-Majka, L. Specialization of livestock farms in EU and change
Poland of their efficiency, 2004-2009

13:50 Czułowska, M. The impact of commercial feedingstuffs on the
Żekało, M. profitability of milk production
Poland

Scientific Section

Congress Hall SD Bernolak

Health, reproduction and genetic aspects of animal production

Chairman: Wojciech Kapelański, Poland

14:10 Górecka, M. The influence of selected factors on the milk yield
Bodgdzińska, M. in Holstein Friesian cows
Poland

14:30 Beran, J. et al. Effect of LDL addition into selected bull sperm
Czech Republic diluters on resistance of spermatozoa against cold shock

14:50 Tongeľ, P. Equipment for rapid measurement of somatic cell
Slovak Republic count in milk directly in milking parlour

15:10 - 15:30

Coffee Break and Posters Presentation

15:30 Mazurowski, A. The influence of somatotropin gene polymorphism
Mroczkowski, S. on selected reproductive traits in Polish Landrace
Poland and Polish Large White sows

15:50 Šťastná, D. The microstructural changes of the cows uterus in
Šťastný, P. an infection caused by Haemaphilus somnus.
Slovak Republic

16:10 Petrák, J.
Debrecéni, O.
Slovak Republic

The relationship between the excitation type
calves and the concentration of IGF-I levels

19:00 Conference Party

SD Bernolak Dinnig Room

Scientific Section**Thursday, 21 November 2013****Animal Production – Ph.D. Students****Chairmans:**

Milan Margetín
Branislav Bobček
Slovak Republic

Department of Animal Husbandry
Slovak University of Agriculture
Room AZ-01

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| 9:00 | Wiśniewska, J. et al.
Poland | Seasons effect on the sow mating results |
| 9:15 | Fratzak, K. et al.
Poland | Carcass quality of White breed fatteners and their crossbreeds with share of Pietrain breed |
| 9:30 | Hyšplerová, K. et al.
Czech Republic | Animal genetic resource - Prestice Black-pied pig |
| 9:45 | Gimińska, A. et al.
Poland | Influence of RYR1 gene polymorphism on live performance of breeding gilts |
| 10:00 | Pavlík, I. et al.
Slovak Republic | Assessment of genetic diversity parameters in Holstein bulls |
| 10:15 | Moravčíková, J.
Vavrišínová, K.
Slovak Republic | Breeding of Charolais breed in Slovakia – history and current |
| 10:30 | Markowska, A. et al.
Poland | Polymorphisms of the ovine PRNP gene at codons: 127, 141, 151, 171 and 189 |
| 10:45 – 11:00 | | Coffee Break and Posters Presentation |
| 11:00 | Brzobohatý, L. et al.
Czech Republic | Effects of different levels of crude protein in the feed on the muscle fibers typology in pigs |
| 11:15 | Horečná, Z. et al.
Slovak Republic | Comparison of fatty acids profile of intramuscular and extramuscular fat in heavy carcass lambs |
| 11:30 | Nagyová, K. et al.
Slovak Republic | Gender construction of the Shagya arabian horses in the years 2009-2013 in the National stud Topoľčianky |
| 11:45 | Schubertová, Z.
Candrák, J.
Slovak Republic | Transformation of input data for the purpose genetic evaluation of showjumping horses |
| 12:00 | Wilkanowska, A. et al.
Italy | Effects of genotype, age and sex on body weight and some biometrical traits of ducks. |
| 12:15 | Ptáček, M. et al.
Czech Republic | Effects of ewe live weight and body condition at mating on basic reproduction parameters |
| 12:30 | Hajková, Z.
Slovak Republic | The effect of pollen load feeding on functional morphology of the small intestine of rats |
| 12:45 | Lunch | SD Bernolak Dinning Room |
| 19:00 | Conference Party | SD Bernolak Dinning Room |

Friday, 22 November 2013

Social Programme

8:00 Post-Conference Tour

Bus Departure: SD Bernolak Parking place

Tour Programme

The Manor House of St. Anton (Museum in Svätý Anton) – <http://www.msa.sk>

National Stud Topoľčianky – <http://sk.nztopolcianky.sk/>

List of Posters

Poster installation – Wednesday, 20 November 2013 10:00 – 13:00

Congress Hall SD Bernolak

Session

Quality and safety farm animal products

1. Okrouhlá, M. et al. The effect of sex on the characteristics of muscle fibers in pork
2. Imrich, I. et al. Quality of pork in relation to transport conditions
3. Nikolova, L. Dochin, K. Slaughter characteristics of two-year old bighead carp and the influence of the some technological factors under the conditions of autochthonous polyculture of the same age
4. Haščík, P. et al. The effect of propolis extract in the ratio of chickens hybrid Ross 308 on their meat production
5. Sokolowicz, Z. Krawczyk, J. Effect of free-range access on quality of eggs from Leghorn, Rhode Island Red and Sussex hens included in the biodiversity conservation programme in Poland
6. Gerzilov, V. et al. Effect of an herbal mixture as a dietary additive on serum biochemical markers, health status, egg production and fatty acid composition in laying hens
7. Stanek, M. et al. Impact of fish species on levels of lead accumulation in the meat of CommonBbreem (*Abrams Brama L.*), White Bream (*Blicca bjokerna L.*), Common Bleak (*Alburnus Alburnus L.*) from Vistula river (Poland)
8. Cygan-Szczegielniak, D. et al. Biochemical blood parameters in roe deer *Capreolus capreolus L.*
9. Topolińska, P. et al. Effect of nitrogen fertilizer of doses on yield swath meadow and biogas production

Session

Livestock husbandry systems and animal welfare

10. Czajkowska, A. et al. Effectiveness of cows' insemination by semen sexed in specialized herds
11. Czajkowska, A. et al. Milking duration and speed on farm with automatic milking system
12. Strapák, P. et al. Relation of health during calf period and production traits in dairy cattle
13. Szymeczko, R. et al. Feed intake, nutrient digestibility and fecal quality in mink fed different diets

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| 14. Botto, L. et al. | Evaluation of cooling system in stable for pregnant sows |
| 15. Bôžik, I. et al. | Ammonia and greenhouse gas emissions from pigs housing |
| 16. Palkovičová, Z. et al. | Seasonal differences in levels of methane and nitrous oxide in pig housing |
| 17. Šimko, M. et al. | Influence of different concentrate feeds on nutrient digestibility and balance of nitrogen in sheep |
| 18. Gerzilov, V. et al. | Influence of zinc and vitamin C dietary supplementation on hormonal biochemical parameters and egg production in free-range laying hens |
| 19. Marć-Pieńkowska, J. et al. | The effect of wind turbine proximity on the physicochemical and organoleptic characteristics of goose meat |
| 20. Gulda, D. et al. | Sports Goniometry Use in Horses and Cynology |
| 21. Drewka, M. et al. | Performance of warmblood mares in relation to breed in Poland in the years 2001- 2010 |
| 22. Drewka, M. et al. | Performance of warmblood mares in relation to age in Poland in the Years 2001-2010 |
| 23. Mlyneková, E. et al. | Cold-blooded horses and their performance in Slovakia |
| 24. Topczewska, J. Krupa, W. | Grazing Hucul horses as a means of preserving the biodiversity of Bieszczady region |
| 25. Topczewska, J. | An attempt to assess the welfare of horses maintained in herd systems |
| 26. Fik, M. Chlebo, R. | Survey on gun dogs breeds status in Slovakia between the years 2006 - 2012 |

Session

Economy of production, management and safety on animal products market

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| 27. Lacko-Bartošová, M. Buday, Š. | Global challenges for sustainable agriculture and rural development in Slovakia |
| 28. Holúbek, I. | Vybrané ukazovatele efektívnosti hnojenia lúčne využívaných trávnych porastov |

Session

Health, reproduction and genetic aspects of animal production

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| 29. Nikolov, V. | Effectiveness of the specific measures for support of the autochthonous breeds in Bulgaria and change tendencies |
| 30. Candrák, J. et al. | Genetic level of Holstein cows in the Slovak Republic |

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| 31. | Trakovická, A.
et al. | Assessment of LEP, LEPR and Pit-1 genes polymorphisms and their effect on milk production traits in Pinzgau cattle |
| 32. | Šidlová, V.
et al. | Evaluation of genetic diversity of Slovak Pinzgau cattle using microsatellite markers |
| 33. | Kasarda, R.
et al. | Genetic Variation of Coat Colour in Pinzgau Cattle. |
| 34. | Bocian, M.
et al. | Backfat thickness changes during gestation and lactation period in respect to reproductive performance of primiparous and multiparous sows |
| 35. | Wojciechowska, A.
et al. | Polymorphism of the ovine Calpastain gene |
| 36. | Popova, M. | Duration of Reproductive Utilization of Mares from Purebred Arabian and Shagya-Arabian Breeds |
| 37. | Boguslawska, M.
et al. | Blood serum proteins and minerals in broiler chickens fed diets supplemented with lignocellulose |
| 38. | Burlikowska, K.
et al. | Resting haematological and biochemical blood parameters in horses used for sport and recreation |

Session

Animal Production – Ph.D. Students

Poster installation – Wednesday, 20 November 2013 10:00 – 13:00

Congress Hall SD Bernolak

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| 39. | Malinova, R.
Nikolov, V. | Study on the reproductive capacity of bulls of the autochthonous Rhodope Shorthorn cattle breed |
| 40. | Karamfilov, S.
Nikolov, V. | Opportunity to use montbeliard breed in Bulgaria |
| 41. | Beneš, K.
et al. | The Relationship between Slaughter Age and Beef Quality Traits |
| 42. | Vrbová, A. et al. | The effect of high temperatures on milk yield of dairy cows |
| 43. | Strmeňová, A.
et al. | Influence of milking period and barn location on concentrations of harmful gases in dairy cows during summer |
| 44. | Pešinová, P.
et al. | Analysis of relationships between urea concentration and milk quantitative traits of ewes grazing on natural pasture |
| 45. | Petrov, P.
et al. | Relationship between some blood biochemical parameters and fatty liver quality in mule ducks |
| 46. | Šidlová, V.
et al. | Evaluation of genetic diversity of Slovak Pinzgau cattle using microsatellite markers |
| 47. | Horná, M.
et al. | Lipizzaner horses and their performance characteristics |