

## SCIENTIFIC PROGRAM

of the Animal Biotechnology 2018, Nitra, December 6<sup>th</sup>, 2018

8.00-9.15	<b>Registration</b>
9.15-9.30	<b>Opening ceremony</b>
9.15-9.30	<b>P. Chrenek</b> <b>History of biotechnology in Czechoslovakia</b> <b>(On the occasion of the 100<sup>th</sup> anniversary of Czechoslovakia)</b>
9.30-13.00	<b>Plenary session</b> <b>Chairmen: P. Chrenek</b>
9.30-10.00	<b>H. Nevoral</b> The interplay of mouse and porcine biomodels for endocrine disruptor reproductive impairment
10.00-10.30	<b>Š. Číkoš</b> Cell receptors mediating communication between preimplantation embryo and surrounding environment: clues from mouse and rabbit models
10.30-11.00	<b>A. Makarevich</b> Ooplasm cryopreservation: ovarian fragments versus oocytes alone
11.00-11.30	<b>Coffee break</b>
11.30-12.00	<b>E. Tůmová</b> Performance and egg quality from different housing systems for laying hens in experimental and commercial conditions.
12.00-12.30	<b>J. Pokorádi</b> Use of biotechnology - artificial insemination and embryo transfer in controlled breeding of wild animals
12.30-13.15	<b>S. Romorini - BioRad</b> New insights on old technologies: Bio-Rad Cell Biology portfolio and V3 Western Blot Workflow
13.15-14.30	<b>Photo and Lunch</b>
14.30-14.45	<b>Section I.</b> <b>Chairmen: A. Makarevich</b>

<b>14.30-14.45</b>	<b>L. Podstatzky</b> Semen quality of cryopreserved sheep semen: comparison of two sperm concentrations
<b>14.45-15.00</b>	<b>A. Budzevich</b> Recombinant human lactoferrin produced with milk of transgenic goats
<b>15.00-15.15</b>	<b>F. Vizzari</b> Dietary supplementation of verbascoside: implication on reproductive aspects
<b>15.15-15.30</b>	<b>S. Dragin</b> Preservation and productivity control of mangalitsa, autochthonous pig breed in Northern Serbia, Vojvodina
<b>15.30-16.00</b>	<b>Coffee break</b>
<b>16.00-17.00</b>	<b>Section II.</b> <b>Chairmen: M. Bauer</b>
<b>16.00-16.15</b>	<b>J. Čurlej</b> Cytogenetic Studies of Mesenchymal Stem Cells in Rabbit
<b>16.15-16.30</b>	<b>M. Rajský</b> Testing of nutrient requirements of red deer
<b>16.30-16.45</b>	<b>J. Slamečka</b> Brown hare ( <i>Lepus Europaeus</i> ) as a bioindicator in agricultural landscape.
<b>16.45-17.00</b>	<b>F. Tirpák</b> Effect of trace elements detected in carp semen on spermatozoa quality
<b>17.00-18.00</b>	<b>Poster session</b>
<b>18.00-23.00</b>	<b>Reception</b>

**On the occasion of the 100<sup>th</sup> anniversary of Czechoslovakia**



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## POSTERS

- 1. Analysis of the estrogen receptor (ESR) genotypes in wild boar**  
Babošová R., Constantine the Philosopher University in Nitra, Nitra, Slovak Republic
- 2. Potential effects of plant alkaloid berberine on ovarian cells in vitro**  
Baldovská, S., Slovak University of Agriculture, Nitra, Slovak Republic
- 3. Parthenogenetic activation of porcine oocytes in in vitro conditions**  
Bartková, A., Constantine the Philosopher University in Nitra, Nitra, Slovak Republic
- 4. Bovine model for the study of molecules important for reproduction**  
Bartóková, M., Institute of Animal Biochemistry and Genetics, Bratislava, Slovak Republic
- 5. Development of diabetes mellitus in zucker diabetic fatty rats fed by high-energy diet**  
Capcarová, M., Slovak University of Agriculture, Nitra, Slovak Republic
- 6. Mouse embryos from obese dams show higher sensitivity to oxidative stress in vitro**  
Fabian, D., Institute of Animal Physiology, Košice, Slovak Republic
- 7. Effect of different eggshell colour on external and internal egg quality of Japanese quail (Coturnix japonica)**  
Hanusová, E., NPPC, Research Institute for Animal Production, Lužianky, Slovak Republic
- 8. Antibiotic resistance of enterobacteriaceae species isolated from rectal swabs of sheep**  
Hleba, L., Slovak University of Agriculture, Nitra, Slovak Republic
- 9. Meiotic competence of bovine oocytes influences mitochondrial gene expression during in vitro maturation**  
Hulinská, P., Veterinary Research Institute, Brno, Czech Republic
- 10. Interactions between selected trace elements content and sperm quality in common carp**  
Halo, M. Jr., Slovak University of Agriculture, Nitra, Slovak Republic
- 11. Rapid genotyping of the short and highly variable region in mtDNA of herbivores.**  
Jakabová, D., Vetgene / Medgenes.r.o., Bratislava, Slovak Republic
- 12. Cytotoxic evaluation of nonylphenol in TM3 Leydig cell line**  
Jambor, T., Slovak University of Agriculture, Nitra, Slovak Republic
- 13. Additives in Japanese quail nutrition**  
Kalafová, A., Slovak University of Agriculture, Nitra, Slovak Republic
- 14. Utilization of bee bread in modulation of internal milieu of ZDF rats**  
Kisska, P., Slovak University of Agriculture, Nitra, Slovak Republic
- 15. Potential effects of grape phytochemicals on ovarian cells in vitro**  
Kolesárová, A., Slovak University of Agriculture, Nitra, Slovak Republic
- 16. Association between selected trace elements and hepatic profile in Common Carp (Cyprinus Carpio)**  
Kováčik, A., Slovak University of Agriculture, Nitra, Slovak Republic
- 17. Quail CAM as a tool for diagnosis of microbiological and oncological diseases**  
Kundeková, B., Institute of Animal Biochemistry and Genetics, CBs SAS, Bratislava, Slovakia

- 18. Composition of alveolar and cisternal milk of tsigai and improved Valachian breeds**  
Mačuhová, L., NPPC, Research Institute for Animal Production, Lužianky, Slovak Republic
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- 19. Validation of bovine 50k SNP chip transfer ability into non-model wild animals**  
Moravčíková, N., Slovak University of Agriculture, Nitra, Slovak Republic
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- 20. Influence of grapefruit seed-extract on the exsheathment rate of parasitic infectious third larvae**  
Podstatzky, L., Institut für biologische Landwirtschaft und Biodiversität für Nutztiere, HBLFA Raumberg-Gumpenstein, Austria
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- 21. Differences between ewes and mouflons in selected metabolic parameters in relation to the yield and embryo quality**  
Pošiváková, T., University of Veterinary Medicine and Pharmacy, Košice, Slovak Republic
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- 22. Inbreeding - the way for creation of genetically uniform rabbit groups**  
Rafay, J., NPPC, Research Institute for Animal Production, Lužianky, Slovak Republic
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- 23. The sensitivity of mouse preimplantation embryos to fipronil might depend on maternal body condition**  
Šefčíková, Z., Centre of Biosciences, Slovak Academy of Sciences, Institute of Animal Physiology, Slovak Republic
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- 24. Alteration of some haematological parameters of rabbit blood after mycotoxins exposure**  
Schneidgenova, M., Slovak Academy of Science, Košice, Slovak Republic
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- 25. The use of starting fluorescence calculation for transcript real-time PCR relative quantification**  
Špirková, A., Slovak Academy of Science, Košice, Slovak Republic
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- 26. Chicken stem cells as a potential source for animal gene bank**  
Svoradová, A., Constantine the Philosopher University, Nitra, Slovak Republic
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- 27. Somatic cell count in mastitis diagnosed ewes**  
Tančin, V., NPPC, Research Institute for Animal Production, Lužianky, Slovak Republic
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- 28. The effect of heavy metals on ichthyologic indices of freshwater fish**  
Tomka, M., Slovak University of Agriculture, Nitra, Slovak Republic
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- 29. Expression of human mesenchymal stem cells markers (CD73, CD90 and CD105) in rabbit adipose-derived stem cells**  
Tomková, M., Slovak University of Agriculture, Nitra, Slovak Republic
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- 30. Content of selected metals in feed and sheep`s milk from different parts of Slovakia**  
Tunegová, M., Slovak University of Agriculture, Nitra, Slovak Republic
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- 31. Physiological levels of somatic cell count in raw ewe milk**  
Tvarožková, K., Slovak University of Agriculture, Nitra, Slovak Republic
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- 32. Breeding of minipigs as laboratory animal**  
Václavková, E., Institute of Animal Science Prague
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- 33. Evaluation of novel antibodies raised against the rabbit CD34 synthetic peptide (G1SJT2)**  
Vašíček, J., NPPC, Research Institute for Animal Production, Lužianky, Slovak Republic; Slovak University of Agriculture, Nitra, Slovak Republic
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- 34. Genetic markers as a tool for traceability of Oravka products**  
Židek, R., Slovak University of Agriculture, Nitra, Slovak Republic

## PARTNER

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On the occasion of the 100<sup>th</sup> anniversary of Czechoslovakia



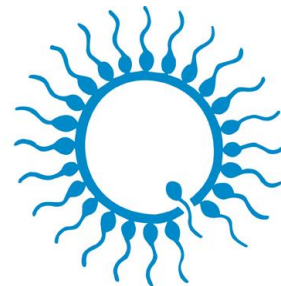
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