



**LSMU Veterinary Academy –
90th Anniversary
1936-2026**



**LSMU Faculty of Animal Sciences –
80th Anniversary
1946-2026**

6th International Scientific Conference “Livestock Production: Recent Trends and Future Prospects “

**6-toji tarptautinė mokslinė konferencija
“Gyvulininkystė – naujausios tendencijos ir ateities perspektyvos“**

**Conference venue
Lithuanian University of Health Sciences Faculty of Animal Sciences,
Tilžės str. 18, LT-47181 Kaunas, Lithuania (Auditorium VSF110)**

The link to join the Conference will be sent to all participants 1 day before the event

October 8-9, 2026

The Conference is organized by the Lithuanian University of Health Sciences Faculty of Animal Sciences, together with the LSMU Animal Science Institute and the Division of Agricultural and Forestry Sciences of the Lithuanian Academy of Sciences



SCIENTIFIC COMMITTEE

Prof. dr. hab. Jan Udala, Faculty of Biotechnology and Animal Husbandry, West Pomeranian University of Technology in Szczecin, Poland
Prof. dr. hab. Bartosz Sołowiej, Vice-Rector for Science and International Cooperation, University of Life Sciences in Lublin
Prof. dr. hab. Katarzyna Ognik, Faculty of Animal Sciences and Bioeconomy, University of Life Sciences in Lublin, Poland
Prof. dr. hab. Pawel Konieczka, Faculty of Animal Bioengineering, University of Warmia and Mazury in Olsztyn, Poland
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Simas Grauzys, Student of Master study programme „Animal Science“, LSMU Faculty of Animal Sciences
Prof. Dr. Habil. Henrikas Žilinskas, The Lithuanian Academy of Sciences

PROGRAMME 8/10/2026

Auditorium VSF110, Tilžės str. 18, LT-47181 Kaunas, Lithuania

09.00-09.30 Registration

ORAL PRESENTATIONS

09.30-09.50 OPENING OF THE CONFERENCE

09.50-10.10 PLENARY LECTURE „Developing High-Quality Human Capital for Sustainable Agriculture: an Interdisciplinary Study Programme in Animal Sciences, Society and Responsible Business“, Elena Bartkienė (speaker), Evaldas Šlyžius, Jurgita Dailidavičienė; Faculty of Animals Sciences, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

10.10-10.40 Coffee Break (Auditorium VSF102)

Moderator: Dr. Monika Nutautaitė,

Institute of Animal Rearing Technologies, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania

10.40-11.00 PLENARY LECTURE „SUSREPRO: Dairy By-Product Valorization for Improved Animal Health and Reproductive Efficiency“, Izabela Wocławek-Potocka (invited speaker), Agnieszka Walentyna Jończyk, Małgorzata Dłutowska, Kamil Kossakowski, Dorota Boruszewska, Ilona Kowalczyk-Zięba, Ernestas Mockus, Vytautė Starkutė, Dovilė Klupšaitė, Modestas Ružauskas, Elena Bartkienė; InLife Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Olztyn, Poland; Institute of Animals Rearing Technologies, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

11.00-11.20 PLENARY LECTURE „Beyond the Gut: Proteomic and Lipidomic Insights into the Effects of Dietary Native Chicory Inulin in Nursery Pigs“, Agnieszka Herosimczyk (invited speaker), Małgorzata Ożgo, Andrzej Krzysztof Ciechanowicz, Adam Lepczyński, Marcin Barszcz, Anna Tuśnio, Marcin Taciak, Magdalena Kucia; West Pomeranian University of Technology in Szczecin, Poland.

11.20-11.40 PLENARY LECTURE „Analysis of the Relationship between Aquaporins Expression and the Amino Acid Profile in Cryopreserved Bovine Semen“, Katarzyna Michalek (invited speaker), Sławomir Zych, Dariusz Gączarzewicz, Marta Marynowska, Patrycja Oberska - Łuszczewska, Andrzej Syczewski, Ernestas Mockus, Elena Bartkienė; West Pomeranian University of Technology in Szczecin, Poland.

11.40-12.00 PLENARY LECTURE „Investigation of Hepatoprotection and Hepatotoxic Effects of Medicinal Herbs Using Pigs as an Animal Model“, Chandra S. Pareek (invited speaker); Department of Infectious, Invasive Diseases and Veterinary Administration, Faculty of Biological and Veterinary Sciences, Institute of Veterinary Medicine, Toruń, Poland.

12.00-12.15 „Food Waste from Animal Sources: Global Challenges and Strategies for Value Creation from a Circular Economy Perspective“, (*remotely*) Paulo Ribeiro (speaker), Joana Gonçalves, Sofia G. Florença, Luisa Cruz-Lopes, Ofélia Anjos, Raquel P. F. Guiné; CERNAS-UPV, Research Centre for Natural Resources, Environment and Society, Polytechnic University of Viseu, Viseu, Portugal.

12.15-12.30 „Differences in Amino Acid Turnover Are Associated with Oocyte Quality and Embryo Development in Prepubertal Heifers, Pubertal Heifers, and Adult Cows“, Dorota Boruszewska (speaker), Ernestas Mockus, Ilona Kowalczyk-Zięba, Agnieszka Jończyk, Sandra Gąsiorowska, Izabela Wocławek-Potocka, Elena Bartkienė; Embryo Biology Team, Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Olsztyn, Poland; Institute of Animals Rearing Technologies, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

12.30-12.45 „The Influence of Melatonin Signal on the Content of Orotic Acid, Insulin and Selected Bioactive Substances in Sheep Milk and Their Potential Use in Biomedical Material“, (*remotely*); Zuzanna Flis (speaker), Marian Czauderna, Tomasz Misztal, Dominika Majcher, Piotr Szatkowski, Paulius Matusevičius, Edyta Molik; Department of Animal Biotechnology, Faculty of Animal Sciences, University of Agriculture in Krakow, Krakow, Poland; Department of Animal Nutrition, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

12.45-13.00 „Antioxidant Response of Liver and Kidney in New Zealand White Rabbits Supplemented with Spent Rose Petal By-product“, Aneta Kišova (speaker), Vilma Vilienė, Asta Racevičiūtė-Stupelienė, Monika Nutautaitė, Ingrida Sinkevičienė, Francesco Vizzarri; Faculty of Agrobiology and Food Resources, Institute of Animal Husbandry, Slovak University of Agriculture in Nitra, Nitra, Slovakia; Institute of Animals Rearing Technologies, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

13.00-13.30 Coffee Break (Auditorium VSF102)

Moderator: Assoc. Prof. Dr. Lina Anskienė,
Department of Animal Breeding, Faculty of Animal Sciences, Lithuanian University of Health Sciences,
Kaunas, Lithuania

13.30-13.45 „Macromineral Profile of Horses and Pasture During the Grazing Season“, Stanislav Zaťko (speaker), Eva Mlyneková, Ivan Imrich, Marko Halo; Institute of Animal Husbandry, Slovak University of Agriculture in Nitra, Nitra, Slovakia.

13.45-14.00 „Estimation of Bayesian Sparse Linear Mixed Model Hyperparameters for Milk Yield in Hair Goats“, (*remotely*) Yunus Inan (speaker), Burak Karacaören, Faculty of Agriculture, Department of Animal Science, Akdeniz University, Antalya, Türkiye.

14.00-14.15 „Growth Performance and Body Composition of Selected Central European Local Pig Breeds in Slovakia“, (*remotely*) Daniel Rajčok (speaker), Ivan Imrich; Institute of Animal Husbandry, Faculty of Agrobiology and Food Resources, Slovak University of Agriculture in Nitra, Nitra, Slovak Republic.

14.15-14.30 „Investigation of the Effects of Bioconversion on the Digestibility Parameters in a Piglet Model *In Vitro*“, Ernestas Mockus (speaker), Vytautė Starkutė, Dovilė Klupšaitė, Šarūnas Badaras, Žilvinas Liatukas, Vytautas Ruzgas, Modestas Ružauskas, Elena Bartkienė; Institute of Animal Rearing Technologies, Lithuanian University of Health Sciences, Kaunas, Lithuania.

14.30-14.45 „Sheep's Wool as a Component of a Biodegradable Composite for Use in Sustainable Agriculture“, (*remotely*) Jakub Barwinek (speaker), Piotr Szatkowski, Andrzej Czulak, Zuzanna Flis, Katarzyna Pamin, Bogna Napruszewska, Edyta Molik; Department of Glass Technology and Amorphous Coatings, Faculty of Materials Science and Ceramics, AGH University of Krakow, Krakow, Poland.

14.45-15.00 „Antimicrobial Resistance Knowledge and Stewardship Practices Among Latvian Dairy Farm Managers“, (*remotely*) Madara Nikolajenko (speaker), Līga Kovaļčuka, Kaspars Kovaļenko; Clinical Institute, Faculty of Veterinary Medicine, Latvia University of Life Sciences and Technology, Jelgava, Latvia.

15.00-15.15 „Effects of Lactic Acid Bacteria Fermentation on the Nutritional and Functional Properties of *Acheta domesticus* and *Tenebrio molitor* Biomass“, Alina Bogomolova (speaker), Ernestas Mockus, Vytautė Starkutė, Dovilė Klupšaitė, Romas Ruibys, Elena Bartkienė; Department of Food Safety and Quality, Faculty of Veterinary and Institute of Animals Rearing Technologies, Faculty of Animals Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

15.15-15.30 „Added Predictive Value of Genomic Indices for Growth Performance in Charolais Calves Beyond Early-Life Phenotypic Information“, Giedrius Palubinskas (speaker), Indrė Mečionytė, Birutė

Šlyžienė; Department of Animal Breeding, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

15.30-16.00 Coffee Break (Auditorium VSF102)

16:00-16:15 „Game Meat Traceability in Bosnia and Herzegovina: Closer or Further Away from the EU Regulations?“, (*remotely*) Miroslav Urosevic (speaker), Samantha Wisely, Vedad Skapur, Jovan Mirceta, Ivan Ludoski; University of Novi Sad, Faculty of Agriculture, Novi Sad, Serbia.

16:15-16:30 „Population Genetic Structure at the GH, GHR and MSTN Loci in the Poltava Silver Rabbit Breed“, (*remotely*) Valentyna Dzitsiuk, Yevhenii Shevchenko (speaker); The Institute of Bioresources of the National Academy of Agrarian Sciences of Ukraine, Ukraine.

16:30-16:45 „Proteomic Insights into the Hepatic Effects of *Andrographis paniculata* Supplementation in Growing Pigs“, (*remotely*) Elżbieta Redlarska (speaker), Małgorzata Hopciaś, Piotr Suder, Anna Bodzoń-Kuśakowska, Agnieszka Herosimczyk, Marta Marynowska, Małgorzata Ożgo, Marcin Barszcz, Mariusz Pierzchała, Chandra S. Pareek, Brygida Ślaska, Wojciech Kozera, Adam Lepczyński; Department of Animal Anatomy and Physiology, Faculty of Biotechnology and Animal Sciences, West Pomeranian University of Technology in Szczecin, Szczecin, Poland.

16:45-17:00 „Determinants of Dairy Adaptation Outcomes to Climate Change among Smallholder Farmers in Plateau State, Nigeria: A Multiple Linear Regression Approach“, Finangwai H. I. (speaker), Barje P. P., Danbauchi E. S., Guluwa Y. L., Pewan S. B. and Dashe G. Y.; Department of Animal Science, Plateau State University, Boko, Nigeria (*remotely*)

17:00-17:15 „Haematological Parameters and Serum Biochemistry of Savannah Brown Goats Fed with Varying Levels of Rumen Ingesta-Treated Rice (*Oryza sativa*) Husk“, (*remotely*) Shakirudeen Adetokunbo Ogunbajo (speaker), Department of Animal Production, Federal University of Technology, Minna, Niger State, Nigeria

17:15-17:30 Summary of the Conference, Conclusions

PROGRAMME 9/10/2026

OneDrive link to poster presentations (October 9) will be provided to registered participants

„Potential Sensor-Based Indicators for Mastitis Detection in Dairy Cows“, Akvilė Girdauskaitė (presenter), Samanta Grigė, Justina Krištolaitytė, Karina Džermeikaitė, Mindaugas Televičius, Dovilė Malašauskienė, Gabija Lembovičiūtė, Greta Šertvytytė, Ramūnas Antanaitis; Large Animal Clinic, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Monitoring Aflatoxin Contamination in Milk from Polish Dairy Cows under a TMR Feeding System“, Anna Lipian-Głós (presenter), Magdalena Krauze, Anna Stępniewska, Katarzyna Ognik and Bartosz Sołowiej; Department of Biochemistry and Toxicology, Faculty of Animal Sciences and Bioeconomy, Department of Animal Food Technology, Faculty of Food Science and Biotechnology, University of Life Sciences in Lublin, Poland.

„β-Mannanase Supplementation in Turkey Diets Mediate Selected Indices of Their Health“, Paweł Konieczka, Aleksandra Drażbo, Elke von Heimendahl, Krzysztof Kozłowski; Department of Poultry Science and Apiculture, Faculty of Animal Bioengineering, University of Warmia and Mazury in Olsztyn, Poland; BASF SE, Ludwigshafen, Germany.

„Machine Learning-Based Classification of Metabolic Disorders in Early-Lactation Dairy Cows Using Automated Monitoring Data“, Samanta Grigė (presenter), Akvilė Girdauskaitė, Dovilė Malašauskienė, Mindaugas Televičius, Ramūnas Antanaitis; Large Animal Clinic, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Intensity of Usage of Organic Farming Practices Among Livestock Farmers in Katsina State, Nigeria“, Nana Firdausi Abdulfatai, Hussaini Yusuf Ibrahim (presenter), Muhammad Nasir Sani; Federal University Dutin-Ma, Department of Agricultural Economics, Katsina State, Nigeria.

„The Growth Performance of West African Dwarf Goats Fed Graded Levels of *Rhizopus oligosporus*-Treated Rice Husk“, Ogunbajo Shakirudeen (presenter), Belewu, M. A.; Federal University of Technology, Minna, Nigeria, University of Ilorin, Kwara State, Nigeria, Department of Animal Production, University of Ilorin, Ilorin, Kwara State.

„Seasonal Variation in the Morphometric Parameters and Morphology of Boar Sperm During Storage of Liquid Semen“, Anna Wysokińska (presenter), Ewa Wójcik, Alina Janocha, Anna Milczarek; Institute of Animal Science and Fisheries, Faculty of Agricultural Sciences, University of Siedlce, Siedlce, Poland.

„Integrated Proteomic and Histological Assessment of the Liver after Low-Dose Dimethyl Sulfoxide (DMSO) Supplementation in Growing Pigs“, Elżbieta Redlarska (presenter), Małgorzata Hopciaś, Piotr Suder, Agnieszka Herosimczyk, Marta Marynowska, Małgorzata Ożgo, Marcin Barszcz, Kinga Szczepanik, Mariusz Pierzchała, Chandra S. Pareek, Brygida Ślaska, Wojciech Kozera, Adam Lepczyński; Department of Animal Anatomy and Physiology, Faculty of Biotechnology and Animal Sciences, West Pomeranian University of Technology in Szczecin, Szczecin, Poland.

„Comprehensive Andrological and Semen Quality Evaluation of Angus, Limousin and Charolais Beef Bulls Using Electroejaculation“, Neringa Sutkevičienė (presenter), Samanta Paplauskaitė, Kamilė Kačiulytė, Saulius Urbonas, Gintarė Vaičiulienė, Audronė Rekešiūtė, Toma Vilkonienė, Šarūnė Sorkytė; Animal Reproduction Laboratory, Veterinary Faculty, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Sustainable Aquaculture as a Future Component of Livestock Production: Advances in Fish Nutrition, Alternative Feed Ingredients, Challenges and Future Prospects“, Dijana Blazhekovikj-Dimovska (presenter); Faculty of Biotechnical Sciences, University “St. Kliment Ohridski”, Bitola, North Macedonia.

„Genetic Selection for Low Methane Emissions in Dairy Cattle: Consequences for Milk Production and Feed Efficiency“, Nicola Oster (presenter), Ewa Czerniawska-Piątkowska, Inga Kowalewska, Edyta Rzewucka-Wójcik, Martyna Muszyńska; Department of Animal Science, Laboratory of Cattle and Small Ruminant Breeding, Department of Genetics, West Pomeranian University of Technology in Szczecin, Szczecin, Poland.

„Effect of Milk Replacer Supplementation on Growth and Health of Young Alpacas (*Vicugna pacos*)“, Małgorzata Szewczuk, Nicola Oster (presenter), Krzysztof Olejniczak, Wiktoria Hell; Department of Animal Science, Laboratory of Cattle and Small Ruminant Breeding, West Pomeranian University of Technology in Szczecin, Szczecin, Poland.

„Serum Activity of Aspartate Transaminase Associated with Selected Traits of Dairy Cows“, Elżbieta Bombik (presenter); Antoni Bombik, Justyna Sokół, University of Siedlce, Faculty of Agricultural Sciences, Siedlce, Poland.

„Parity Modifies the Effect of Oral Nutritional Supplementation on Time to First Oestrus in Dairy Cows“, Kamilė Kačiulytė (presenter), Saulius Urbonas, Šarūnė Sorkytė, Neringa Sutkevičienė, Gintarė Vaičiulienė, Toma Vilkonienė, Audronė Rekešiūtė; Large Animal Clinic, Animal Reproduction Laboratory, Veterinary Faculty, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Effects of Varying Temperature-Humidity Index Conditions on Milk Production and Udder Health Indicators in Holstein Cows“, Monika Šidlauskaitė (presenter), Lina Anskienė; Department of Animal Breeding, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Comparative Evaluation of Physicochemical Characteristics and Botanical Origin of Local and Imported Honey Samples“, Meda Katauskaitė (presenter), Šarūnė Sorkytė, Lina Laučienė, Agila Daukšienė, Neringa Sutkevičienė; Animal Reproduction Laboratory; Department of Food Safety and Quality; Institute of Animal Rearing Technologies, Lithuanian University of Health Sciences, Kaunas, Lithuania

„Development and Preliminary Validation of a Welfare Assessment Protocol for Farmed Chinchillas (*Chinchilla lanigera*)“, Stanisław Łapiński (presenter), Klaudia Hajduk, Piotr Niedbała, Paulius Matusevičius; Faculty of Animal Sciences, Department of Zoology and Animal Welfare, Department of Animal Reproduction, Anatomy and Genomics, University of Agriculture in Krakow, Krakow, Poland; Faculty of Animal Sciences, Department of Animal Nutrition, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Effect of Semen Extenders and Storage Time on the Quality of Ram Semen“, Encho Enchev (presenter), Jaclyn Ignatova, Georgi Kalaydzhieva; Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria.

„Evaluation of Drone Semen Morphology in Different Honeybee (*Apis mellifera*) Genetic Groups in Urban and Rural Environments“, Gerda Plėštytė (presenter), Šarūnė Sorkytė, Neringa Sutkevičienė; Animal Reproduction Laboratory, Veterinary Faculty, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Farm Management and Livestock Productivity in North Macedonia: Trends and Regional Differences“, Viktorija Stojkovski (presenter); Faculty of Biotechnical Sciences, University „St. Kliment Ohridski“ Bitola, Bitola Republic of North Macedonia.

„Cumulus-Cell DNA Fragmentation as a Potential Marker of Bovine Oocyte Developmental Competence *In Vitro*“, Monika Petrajtis-Gołobów (presenter), Magdalena Pawłowska, Sławomir Giziński, Paulina Surmacz, Paulina Wasyk-Dolińska, Katarzyna Siewruk, Vaidas Oberauskas, Michał Trela, Bartosz Pawliński; Department of Large Animal Diseases and Clinic, Faculty of Veterinary Medicine, Warsaw University of Life Sciences – SGGW, Warsaw, Poland; Department of Anatomy and Physiology, Veterinary Faculty, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Chemical Composition of Milk from Polish Holstein–Friesian Cows as Affected by the Feeding Season“, Anna Milczarek (presenter), Władysław Anita, Janocha Alina, Wójcik Ewa, Wysokińska Anna, Paulius Matusevičius, Ramutė Mišeikienė, Institute of Animal Science and Fisheries, Faculty of Agricultural Sciences, University of Siedlce, Siedlce, Poland; Faculty of Animal Sciences, Department of Animal Nutrition; Lithuanian University of Health Sciences; Institute of Biology Systems and Genetic Research, Institute of Animal Rearing Technologies, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Changes in Production Traits and Total Merit Indices of Dairy Cows Across Different Genomic Evaluation Periods“, Airidas Valančius (presenter), Renata Japertienė; Department of Animal Breeding, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Breed Affiliation of Stallions and Mares and Sex Ratio of Offspring in the Bulgarian Sport Horse Population for the Period 1970–2022“, Radka Vlaeva (presenter); Department of Animal Husbandry – Non-Ruminant Animals and Special Branches, Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria.

„Association Between Lactation Number, Calf Sex and Milk Production Traits in Dairy Cows“, Jūratė Rudejeviienė (presenter), Ramutė Mišeikienė; Dr. L. Kriaučeliūnas Small Animal Clinic, Lithuanian University of Health Sciences; Institute of Biology Systems and Genetic Research, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Analysis of Genomic Indices of Dairy Cow Selection Traits Evaluated in the Dutch and German Genomic Evaluation Systems“, Renata Japertienė (presenter), Radvilė Japertaitė, Sigitas Japertas; Department of Animal Breeding, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„The Effect of Perlite and Vermiculite Addition on Gas Emissions from Liquid Cattle Manure“, Gitana Kadžienė (presenter), Daiva Stankevičienė, Robertas Juodka; Animal Science Institute, Lithuanian University of Health Sciences, Baisogala, Lithuania.

„Factors Affecting the Growth Traits of the Two Widespread Beef Cattle Breeds in Slovakia“, Klára Vavrišinová, Jozef Bujko (presenter), University of Agriculture in Nitra, Nitra, Slovakia.

„Short-Term Dynamics of Milk Quality Indicators and Rumination Around a Herd-Level Vaccination Event in Dairy Cows“, Gabija Lembovičiūtė (presenter), Greta Šertvytytė, Ieva Rodaitė, Ramūnas Antanaitis, Large Animal Clinic, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Effect of Protected Sodium Butyrate on the Fattening Performance of Finishing Pigs“, Katerina Burlakova (presenter), Encho Enchev, Faculty of Agriculture, Trakia University, Stara Zagora, Bulgaria.

„Effect of Hay Feeding Frequency and Delivery Method on Short-Term Hay Intake Rate in Horses“, Katarzyna Kazimierska (presenter), Agata Pulkowska, Laboratory of Horse Breeding and Animal-Assisted Therapy, Department of Animal Sciences, Faculty of Biotechnology and Animal Sciences, West Pomeranian University of Technology in Szczecin, Szczecin, Poland.

„Entropy Analysis of the Linear Scoring Evaluation of Warmblood Horses“, Alicja Borowska (presenter), Dorota Lewczuk, Poznan University of Life Sciences, Poznań, Poland; Institute of Genetics and Animal Biotechnology, Polish Academy of Sciences, Magdalenka, Poland.

„Factor Analysis of Linear Profiling Traits in Polish Warmblood Horses“, Alicja Borowska (presenter), Dorota Lewczuk, Poznan University of Life Sciences, Poznań, Poland; Institute of Genetics and Animal Biotechnology, Polish Academy of Sciences, Magdalenka, Poland.

„Effects of Different Propolis Extracts on the Morphological Stability of Boar Spermatozoa During Storage“, Ema Macijauskaitė (presenter), Neringa Sutkevičienė, Sonata Trumbeckaitė, Loreta Kubilienė, Mindaugas Liaudanskas, Šarūnė Sorkytė, Animal Reproduction Laboratory, Veterinary Faculty, Department of Pharmacognosy, Faculty of Pharmacy, Laboratory of Biochemistry, Neuroscience Institute, Department of Drug Technology and Social Pharmacy, Faculty of Pharmacy, Medical Academy, Institute of Pharmaceutical Technologies, Faculty of Pharmacy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Bacterial and Fungal Dynamics of the Uterine Microbiota in Postpartum Beef Cows Supplemented with Grape Extract“, Inga Merkelytė (presenter), Šarūnė Marašinskienė, Rasa Nainienė, Urtė Pelenė, Laura Šakarnytė, Artūras Šiukščius, Department of Animal Breeding and Reproduction, Animal Science Institute, Lithuanian University of Health Sciences, Baisogala, Lithuania.

„Effect of Breed and Muscle Type on the Physicochemical Quality Characteristics of Dry-Aged Beef“, Ruslan Vasilevskij (presenter), Jolita Šarkauskienė, Faculty of Animal Sciences, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„A Portable Semen Analysis Unit for Evaluating Equine Sperm Kinematics Within 24-Hour Semen Transport: Associations with Semen Quality, Stallion Characteristics and Pregnancy Outcome“, Gabija Paunksnytė (presenter), Neringa Sutkevičienė, Kamilė Kačiulytė, Šarūnė Sorkytė, Raimonda Tamulionytė-Skėrė, Large Animal Clinic, Veterinary Academy, Animal Reproduction Laboratory, Veterinary Faculty, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„The Effect of Dry Period Length on Productivity and Reproductive Performance in Dairy Cows“, Saulius Tušas, Vilija Buckiūnienė (presenter), Ramutė Mišeikienė, Justina Bendauskaitė, Institute of Animal Rearing Technologies, Institute of Biology Systems and Genetic Research, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„*Chlorella vulgaris* and Plant Growth-Promoting Bacteria Co-Cultures Modulated by Pulsed Electric Fields and Plasma-Activated Water: Implications for Sustainable Animal Nutrition“, Raimonda Celiešiūtė-Germanė (presenter), Voitech Stankevič, Liutauras Marcinaukas, Kamilė Jonynaitė, Mindaugas Mileška, Skirmantas Keršulis, Antanas Strakšys, Kamilė Bukenaitė, Tasneem Ajmal Khan, Shervin Hadian, Viktorija Bondar, Urtė Rulevičiūtė, Arūnas Stirke, Department of Functional Materials and Electronics, Center for Physical Sciences and Technology, Vilnius, Lithuania.

„Effects of an Essential Oil Blend on *In Vitro* Methane Production, Rumen Fermentation, *In Vitro* and *In Vivo* Nutrient Digestibility, and Growth Performance in Lithuanian Blackface Lambs“, Tomas Lileikis (presenter), Violeta Razmaitė, Virginijus Uchockis, Saulius Bliznikas, Department of Animal Nutrition and Feedstuffs, Animal Science Institute, Lithuanian University of Health Sciences, Baisogala, Lithuania.

„Exploratory 16S rRNA Gene Profiling of Pooled Uterine Samples from Trakehner Mares“, Urtė Pelenė (presenter), Modestas Ružauskas, Rita Šiugždinienė, Saulius Tarasauskas, Rūta Šveistienė, Rasa Nainienė, Šarūnė Marašinskienė, Alma Račkauskaitė, Artūras Šiukščius, Department of Animal Breeding and Reproduction, Animal Science Institute, Lithuanian University of Health Sciences, Baisogala, Lithuania, Microbiology and Virology Institute, Lithuanian University of Health Sciences, Kaunas, Lithuania, UAB “Lietuvos žirgynas”, Riešė, Vilnius District, Lithuania.

„Poultry Meal as an Alternative Protein Source: Effects on Carcass Characteristics and Selected Nutritional Quality Traits of Rabbit Meat“, Zuzanna Siudak (presenter), Dorota Kowalska, Andrzej Gugolek, Paweł Bielański, Department of Small Livestock Breeding, National Research Institute of Animal Production, Balice, Poland, Department of Fur-Bearing Animal Breeding and Game Management, Faculty of Animal Bioengineering, University of Warmia and Mazury, Olsztyn, Poland.

„Impact of Anthropogenic Noise on Animal Behaviour, Physiology and Welfare“, Jordan Wilk (presenter), Joanna Szyszlak-Bargłowicz, Department of Power Engineering and Transportation, Faculty of Production Engineering, University of Life Sciences in Lublin, Lublin, Poland.

„Maternal Nutritional Status and Growth Performance of Aubrac and Charolais Calves in a Pasture-Based Cow–Calf System“, Mária Mičiaková (presenter), Jaroslav Dóbi, Martin Janíček, Institute of Animal Husbandry, Faculty of Agrobiological and Food Resources, Slovak University of Agriculture in Nitra, Nitra, Slovakia.

„Maternal Milk Genomic Index Is Differentially Associated with Pre- and Post-Weaning Growth in Charolais Heifer Calves“, Indrė Mečionytė (presenter), Eglė Butkienė, Birutė Šlyžienė, Renata Baltaduonytė, Giedrius Palubinskas, Department of Animal Breeding, Faculty of Animal Sciences, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Evaluation of Microbiological Safety and Biogenic Amine Content in Wild Game Meat Hunted in Lithuania“, Simas Grauzys (presenter), Vilija Buckiūnienė, Vita Lėlė, Dovilė Klupšaitė, Elena Bartkienė, Institute of Animal Rearing Technologies, Faculty of Animal Sciences, Department of Food Safety and Quality, Veterinary Faculty, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Biochar Supplementation Modulates Gaseous Emissions and Microbial Profiles During Early Calf Rearing“, Małgorzata Targońska-Karasek (presenter), Katarzyna Karpińska, Mateusz Ossowski, Łukasz Wlazło, Bożena Nowakowicz-Dębek, Department of Animal Hygiene and Environmental Hazards, University of Life Sciences in Lublin, Lublin, Poland.

„Effect of Different Housing Systems on Dairy Cow Productivity and Milk Quality“, Vilma Vilienė (presenter), Gabrielė Jociūtė, Samanta Moceikaitytė, Matas Petravičius, Monika Nutautaitė, Asta Racevičiūtė-Stupelienė, Institute of Animal Rearing Technologies, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Metabolic Responses to Changes in Body Condition Score in Simmental-Holstein Cows During the Transition Period“, Mattie Brown (presenter), Simona Sutkuvienė, Toma Vilkonienė, Neringa Sutkevičienė, Department of Biochemistry, Faculty of Medicine, Animal Reproduction Laboratory, Veterinary Faculty, Lithuanian University of Health Sciences, Kaunas, Lithuania.

„Exogenous Enzymes as a Nutritional Strategy in Low-Protein Diets for Broiler Chickens: A review“, Todor Petrov (presenter), Hristo Lukanov, Department of Animal Science – monogastric and other animals, Faculty of Agriculture, Trakia University, Bulgaria.

„The Analysis of Birth Weight in Simmental Beef Calves Under Foothill Conditions in Slovakia“, Bujko Jozef (presenter), Candrák Juraj, Strapák Peter, Vavrišinová Klára, Kasarda Radovan, Institute of Nutrition and Genomics, Faculty of Agrobiological Sciences, Slovak University of Agriculture in Nitra, Nitra, Slovakia.

„Behavioural Response of Aubrac Beef Cows to Heat Stress Under Summer Grazing Conditions“, Martin Janíček (presenter), Mária Mičiaková, Martina Pšenková, Jaroslav Dóbi, Institute of Animal Husbandry, Slovak University of Agriculture in Nitra, Nitra, Slovakia.

„Effectiveness of Conventional and OPU–IVP Embryo Transfer in a High-Yielding Holstein–Friesian Dairy Herd“, Małgorzata Dłutowska (presenter), Kamil Kossakowski, Agnieszka Walentyna Jończyk, Dorota Boruszewska, Ilona Kowalczyk-Zięba, Renata Gurbowicz, Izabela Woźniak-Potocka, Private Veterinary Clinic “Eskulap”, Bartoszyce, Poland.

„Follicular Dynamics and Extracellular Matrix-Related Gene Expression Following Five Ovum Pick-Up Sessions in Pre-Pubertal and Pubertal Holstein–Friesian Heifers“, Sandra Jakóbiak (presenter), Izabela Woźniak-Potocka, Dorota Boruszewska, Ilona Kowalczyk-Zięba, Embryo Biology Team, InLife Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Olsztyn, Poland.

„The Analysis of Genetic Structure and Diversity of Local Lithuanian Pig Breeds“, Violeta Razmaitė (presenter), Šarūnė Marašinskienė, Rūta Šveistienė, Department of Animal Breeding and Reproduction, Animal Science Institute, Lithuanian University of Health Sciences, Baisogala, Lithuania

„Population Size Does Not Guarantee Genetic Diversity: An Analysis of Lithuanian Horse Breeds“, Alma Račkauskaitė (presenter), Rūta Šveistienė, Šarūnė Marašinskienė, Animal Science Institute, Lithuanian University of Health Sciences, Baisogala, Lithuania.

„Sensory Attributes Associated with Taste Acceptability of Lithuanian Honey“, Jolita Šarkauskienė (presenter), Agila Daukšienė, Simas Graužys; Institute of Animal Rearing Technologies, Faculty of Animal Sciences, Lithuanian University of Health Sciences; Department of Anatomy and Physiology, Veterinary Faculty, Lithuanian University of Health Sciences, Veterinary Academy, Kaunas, Lithuania.

13:00-13:30 Summary of the Conference, Conclusions