

# **4th International Scientific Conference Livestock Production – Recent Trends and Future Prospects**

**4-oji Tarptautinė mokslinė konferencija  
Gyvulininkystė – naujausios tendencijos ir ateities perspektyvos**

**Conference venue** Lithuanian University of Health Sciences Faculty of Animal Sciences

**September 26-27, 2024**

**The Conference is organised by Lithuanian University of Health Sciences Faculty of Animal Sciences together with the Division of Agricultural and Forestry Sciences of the Lithuanian Academy of Sciences**



LITHUANIAN UNIVERSITY  
OF HEALTH SCIENCES



## **ORGANISING COMMITTEE**

Prof. Dr. Elena Bartkienė, LSMU Faculty of Animal Sciences, The Lithuanian Academy of Sciences  
Prof. Dr. Habil. Henrikas Žilinskas, The Lithuanian Academy of Sciences  
Prof. Dr. Rolandas Stankevičius, LSMU Faculty of Animal Sciences  
Prof. Dr. Paulius Matusevičius, LSMU Faculty of Animal Sciences  
Prof. Dr. Asta Racevičiūtė – Stupelienė, LSMU Faculty of Animal Sciences  
Assoc. Prof. Dr. Agila Daukšienė, LSMU Faculty of Animal Sciences  
Assoc. Prof. Dr. Jurgita Dailidavičienė, LSMU Faculty of Animal Sciences  
Dr. Vytautė Starkutė, LSMU Faculty of Animal Sciences  
Dr. Vita Lėlė, LSMU Faculty of Animal Sciences  
Assoc. Prof. Dr. Giedrius Palubinskas, LSMU Faculty of Animal Sciences  
Assoc. Prof. Dr. Evaldas Šlyžius, LSMU Faculty of Animal Sciences

## **SCIENTIFIC COMMITTEE**

Prof. Dr. Qendrim Zebeli, Institute of Animal Nutrition and Functional Plant Compounds, Department for Farm Animals and Veterinary Public Health, University of Veterinary Medicine Vienna, Austria  
Prof. Dr. Vadims Bartkevics, Research Institute of Food Safety, Animal Health and Environment "BIOR", University of Latvia, Latvia  
Prof. Dr. Jordi Miro Roig, Department of Animal Medicine and Surgery, Universitat Autònoma de Barcelona, Spain  
Assoc. Prof. Katarzyna Michalek, Faculty of Biotechnology and Animal Husbandry, The West Pomeranian University of Technology in Szczecin, Poland  
Prof. Dr. Hab. Izabella Woclawek-Potocka, Department of Gamete and Embryo Biology, Institute of Animal Reproduction and Food Research of Polish Academy of Sciences, Poland  
Prof. Dr. Modestas Ružauskas LSMU Faculty of Veterinary Medicine  
Prof. Dr. Elena Bartkienė LSMU Faculty of Animal Sciences, The Lithuanian Academy of Sciences, Lithuania  
Prof. Dr. Habil. Henrikas Žilinskas, The Lithuanian Academy of Sciences, Lithuania

## PROGRAM

September 26, 2024

**9.00-10.00 Registration**

**10.00-10.30 OPENING OF THE CONFERENCE**

10.30-11.00 **Plenary lecture** „Our Food of Tomorrow in the Context of Sustainable Food Systems and Climate Change: the Role of Livestock“, **Invited speaker Prof. Dr. Qendrim Zebeli** (Institute of Animal Nutrition and Functional Plant Compounds, Department for Farm Animals and Veterinary Public Health, University of Veterinary Medicine Vienna, Austria)

11.00 - 11.15

11.15 - 11.30

11.30 - 11.45

11.45 – 12.00

**12.00 – 13.00 Coffee Break and Posters Presentation**

13.00 – 13.30 **Plenary lecture** „Advancements in Surveillance of Antimicrobial Substance Usage in Livestock Production“, **Invited speaker Prof. Dr. Vadims Bartkevics** (Research Institute of Food Safety, Animal Health and Environment "BIOR"; University of Latvia, Latvia)

13.30 – 13.45

13.45 – 14.00

14.00 – 14.15

14.15 – 14.30

14.30 – 14.45

14.45 – 15.00

**15.00 – 15.30 Coffee Break and Posters Presentation**

15.30 – 16.00 **Plenary lecture** “Biotechnology in Bovine Reproduction - Embryotransfer”, **Invited speaker Prof. Dr. Hab. Izabella Woclawek-Potocka** (Department of Gamete and Embryo Biology, Institute of Animal Reproduction and Food Research of Polish Academy of Sciences, Poland)

16.00 – 16.15

16.15 – 16.30

16.30 – 16.45

16.45 – 17.00

**17.00 – 17.30 Coffee Break and Summary of the First Conference Day**

## PROGRAM

September 27, 2024

**10.00-10.30 Registration**

10.30-11.00 **Plenary lecture** „Aquaporins in Reproductive System: New Markers for Male (in)Fertility in Cattle?“, **Invited speaker Assoc. Prof. Katarzyna Michalek** (Faculty of Biotechnology and Animal Husbandry, The West Pomeranian University of Technology in Szczecin, Poland)

11.00 - 11.15

11.15 - 11.30

11.30 - 11.45

11.45 – 12.00

**12.00 – 13.00 Coffee Break and Posters Presentation**

13.00 – 13.30 **Plenary lecture** „Gut Microbiota Implications for Health and Production Quality in Farm Animals“, **Invited speaker Prof. Dr. Modestas Ružauskas** (Microbiology and Virology Institute, Faculty of Veterinary Medicine, Lithuanian University of Health Sciences, Lithuania)

13.30 – 13.45

13.45 – 14.00

14.00 – 14.15

14.15 – 14.30

14.30 – 14.45

14.45 – 15.00

**15.00 – 15.30 Summary of the Conference, Discussion, Conclusions**