



## Productivity, Performance and Health of Dairy Ruminants

Guest Editors:

**Dr. František Zigo**

Department of Nutrition and  
Animal Husbandry, University of  
Veterinary Medicine and  
Pharmacy, Komenského 73, 041  
81 Košice, Slovakia

**Dr. Jana Výrostková**

Department of Food Hygiene  
Technology and Safety,  
University of Veterinary Medicine  
and Pharmacy, Komenského 73,  
041 81 Košice, Slovakia

**Dr. Mária Vargová**

Department of the Environment,  
Veterinary Legislation and  
Economy, University of Veterinary  
Medicine and Pharmacy,  
Komenského 73, 04181 Košice,  
Slovakia

Deadline for manuscript  
submissions:

**closed (25 May 2024)**



[mdpi.com/si/192039](https://mdpi.com/si/192039)

### Message from the Guest Editors

The scope of this Special Issue covers a wide range of topics related to the breeding of dairy cows, sheep, goats and buffaloes and includes the following:

The use and comparison of different production and milking systems;

The evaluation of performance and production indicators for individual breeding categories;

The evaluation of diversity breeds and their exterior properties for milk yield, performance and productivity;  
Nutrition;

Alternative feeds and their effect on health, milk yield and quality;

Production diseases of dairy ruminants;

Genetic factors in mammary health and occurrence of mastitis;

External effects influencing the dairy production of cows, sheep, goats and buffaloes under field conditions;

Introduction and comparison of different tests for the detection of mastitis;

Antibiotic-free approaches to maintaining mammary health;

The effect of somatic cells count and economic evaluations on quantity and quality of dairy products;

Studies dealing with the antimicrobial susceptibility of udder pathogens transmitted through the food chain.

We invite submissions on the abovementioned research fields to this Special Issue.

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Les Copeland

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

**Journal Rank:** JCR - Q1 (*Agronomy*) / CiteScore - Q2 (*Plant Science*)

## Contact Us

---

Agriculture Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/agriculture](http://mdpi.com/journal/agriculture)  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)  
[X@AgricultureMdpi](https://twitter.com/AgricultureMdpi)