

Special Issue

Role of Trace Elements in Ruminants—Maintaining Health, Immunity, and Productivity

Message from the Guest Editors

Modern ruminant production systems rely less on the use of antibiotics than traditional systems and they are looking to become more sustainable and environmentally friendly; therefore, normal management practices are changing. Under these new conditions the health, immune systems, and production of animals are all impacted. Trace minerals play an important role in regulating the health, immune system function, and production of animals. This Special Issue “Role of Trace Elements in Ruminants—Maintaining Health, Immunity, and Productivity” is seeking manuscripts that describe the role of trace minerals in physiological events of ruminants that might impact animal health or production. The manuscripts can range from basic to applied biology that show the effect of one or multiple trace minerals in ruminants.

Guest Editors

Dr. Alejandro E. Relling

Department of Animal Sciences, The Ohio State University, OARDC, Wooster, OH 44691, USA

Dr. Guillermo Alberto Mattioli

Laboratorio de Nutrición Mineral, Facultad de Ciencias Veterinarias, Universidad Nacional de La Plata, calle 60 y 118 s/n, 1900 La Plata, Buenos Aires, Argentina

Deadline for manuscript submissions

closed (31 October 2022)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/114427

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)