

IMPACT FACTOR 2.7

Indexed in: PubMed



an Open Access Journal by MDPI

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

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)

Message from the Guest Editors

Dear Colleagues,

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. They manuscripts can range from basic to applied biology that show the effect of one or multiple trace minerals in ruminants.

Dr. Alejandro E. Relling Dr. Guillermo Alberto Mattioli *Guest Editors*













an Open Access Journal by MDPI

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

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: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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)

Contact Us