

## Special Issue

# Trace Element Analysis in the Diagnosis, Treatment and Prevention of Animal Diseases

### Message from the Guest Editors

Modern therapeutic management requires rapid and correct diagnosis and a combination of scientific achievements and practical effects. Mineral deficiencies are still an existing problem in animal husbandry and use. Scientific research that allows early and reliable diagnosis as well as appropriate preventive action offers the opportunity to improve animal welfare and health as well as productivity. The diagnosis of deficiencies is hampered because they increasingly run in a subclinical form for a long time without characteristic clinical signs. For this Special Issue, articles and reviews are welcome. Research areas may include (but are not limited to):

- evaluation of the usefulness of hematological tests in diagnosis and therapy;
- evaluation of energy, protein, hormonal, and metabolism under conditions of micromineral deficiencies;
- evaluation of the usefulness of indicator parameters of micronutrient deficiencies, as well as the search for new biochemical indicators describing changes in homeostasis occurring in the course of micronutrient deficiency;
- novel methods for the early diagnosis, effective treatment and prevention of mineral deficiencies in animals.

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### Guest Editors

Prof. Dr. Krzysztof R. Lutnicki

Dr. Łukasz Kurek

Dr. Beata Abramowicz

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### Deadline for manuscript submissions

closed (31 May 2024)



## Animals

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## 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.

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### Editor-in-Chief

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