Special Issue

Proteomics in Veterinary Research and Zoonotic Diseases

Message from the Guest Editors

Proteomics allows the full characterization of protein content in complex matrices. A tissue or a biological fluid can represent the matrix, and it is possible to uncover the nature, relative abundance, and related post-translational modifications of such a dynamic proteome. The application of proteomics to veterinary medicine is able to simultaneously provide important information about the modulation of thousands of proteins and to define cause–effect relationships between expression and post-translational modifications of proteins in healthy and diseased conditions. Moreover, it can be used to rapidly assess animal welfare through fast profiling, to evaluate food safety in animal products, and to investigate the complex relationship between the host and the pathogenic or nonpathogenic microbial communities. In the light of these premises, we invite investigators to provide their contributions under the form of review articles or original research articles. The final aim is to provide a collection of contributions to the knowledge in veterinary medicine on the topic of proteomics.
Guest editors

Guest Editors

Dr. Alessio Soggiu
Department of Biomedical, Surgical and Dental Sciences-One Health Unit, School of Medicine, University of Milan, Via Pascal 36, 20133 Milan, Italy

Dr. Cristian Piras
Department of Chemistry, University of Reading Whiteknights, Reading RG6 6AD, UK

Deadline for manuscript submissions

closed (31 December 2021)

Animals

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)

MDPI