

Special Issue

Biological Activities of Natural Compounds and Their Application in Animal Health

Message from the Guest Editors

Animal health is the priority of owners and veterinarians. However, there are many causes for animals suffering from diseases or illnesses. Infections from pathogens significantly impact the mobility and mortality of animals due to the severity of diseases, resulting in widespread illness. Furthermore, infections caused by antibiotic-resistant pathogens are difficult to eliminate with antibiotics. Natural compounds, such as those derived from plants, offer alternative strategies for treating animal diseases. These natural compounds play a crucial role in many processes, including antibacterial, antioxidant, anti-inflammatory, and anticancer activities. In addition, some plant materials or extracts can enhance the growth performance of animals. This issue aims to improve the global health of animals by utilizing natural compounds based on their biological activities. This Special Issue invites the submission of research on the biological activities of natural compounds and their application in animal health. Therefore, articles, reviews, and case studies that present information on the biological activities of natural compounds are welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Animals is an international, peer-reviewed, open-access journal established in 2011 and published semimonthly online by MDPI. The journal is dedicated to high-quality research across a broad range of animal-related disciplines, including zoology and veterinary sciences, and upholds rigorous peer-review and editorial standards to ensure the publication of impactful work. Indexed in the Science Citation Index Expanded (SCIE) within Web of Science, *Animals* has a 2025 Impact Factor of 3.2 (ranks 13/87 (Q1) in 'Agriculture, Dairy & Animal Science'; 15/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.5.

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