

Special Issue

Animal Immune Response to Parasitic Infections

Message from the Guest Editors

Parasitic diseases in domestic and wild animals are a major cause of concern due to their interference with animal welfare and health, which can also lead to significant economic losses. Although the establishment of a parasitic infection depends on several factors related to the parasite, the environment and the host, the immune competence an animal often determines the outcome of the infection. Unraveling the complexity of the host's immune responses at different stages of the infection will contribute to the development of more effective diagnostics and innovative control strategies. The application of novel and sophisticated approaches, such as genomics, reverse genetic analysis, proteomics, and bioinformatics techniques, can reveal the complexity of the immune response induced by protozoa, trematodes, cestodes, nematodes, and arthropods. Thus, we cordially invite authors to submit original research or review articles pertaining to the immunology of parasitic infection in animals.

Dr. Gabriela Santos Gomes

Guest Editors

Dr. Maria Pereira

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Dr. Armanda Rodrigues

Deadline for manuscript submissions

closed (28 February 2026)



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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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