

Special Issue

Pathogenic Processes in Animal Infectious Diseases

Message from the Guest Editor

In the last ten years, interest in animal infectious diseases has increased, based on the worldwide distribution of diseases with a detrimental impact on farm animals and the rise of zoonotic diseases, such as influenza; moreover, there has been increasing interest in the association of viruses with tumor development. The development of diagnostic and prophylactic tools is pivotal for containing the diffusion of infectious diseases and the understanding of pathogenic processes is essential for the identification of biomarkers. Since pathogenesis is a dynamic and composite process, the study of both pathogens and hosts and their relationship has a key role in clarifying the mechanisms of disease development. The Special Issue brings together new insights in animal infectious disease processes, with highlights in host immune response, identification of antigens and virulence factors, description of viral oncogenic proteins and/or processes, and the new diagnostic methods. Both original research papers and reviews are welcome.

Guest Editor

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Deadline for manuscript submissions

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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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