Special Issue

Emerging Models in Veterinary and Comparative Pathology

Message from the Guest Editors

The Special Issue "Emerging Models in Veterinary and Comparative Pathology" highlights advancements in experimental and naturally occurring disease models that improve pathology understanding across species, including evolutionary perspectives. It explores innovative animal models used for infectious diseases, cancer, and immune-mediated disorders, and novel diagnostic techniques and biomarkers. It also highlights comparative pathology's contributions in One Health, emphasizing the interconnectedness of human, animal, and environmental health. Additionally, the issue covers advancements in molecular pathology, digital pathology, and AI-driven diagnostics, which are transforming disease detection and classification. Contributions will also address ethical considerations, the refinement of animal models, and efforts to reduce reliance on traditional laboratory animals through alternative approaches. By presenting cutting-edge research, this issue aims to provide a comprehensive perspective on emerging trends and methodologies shaping the future of veterinary and comparative pathology, fostering collaboration among veterinarians, pathologists, and biomedical researchers.

Guest Editors

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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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