

Special Issue

Inflammatory and Degenerative Disorders in Veterinary Medicine: Molecular Mechanisms, Diagnosis, and Therapeutic Strategies

Message from the Guest Editors

This Special Issue aims to provide a comprehensive, multidisciplinary platform spanning three interconnected domains: (1) mechanistic investigations into disease pathogenesis; (2) advances in diagnostic methodologies from proteomic biomarker discovery to early indicators of metabolic dysfunction, and (3) innovative therapeutic strategies ranging from targeted immunomodulators to mesenchymal stem cell-based regenerative approaches. By encompassing studies across companion animals, livestock, and equine patients, this Special Issue seeks to foster comparative insights that advance understanding of disease biology and inform translational applications.

Inflammatory and degenerative diseases are not only prominent topics in the field of veterinary medicine but also unresolved challenges in human medicine. This Special Issue aims to publish the latest research in veterinary medicine, with a particular emphasis on naturally occurring cases, thereby providing enhanced guidance for practitioners and researchers alike.

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About the Journal

Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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