

Special Issue

Diagnosis and Treatment of Skin Diseases in Small Animals

Message from the Guest Editor

This issue is timely, as diagnostic investigations and innovative treatments have witnessed great developments in recent years. One of the main factors that has helped in this development is the broad implementation and advancement of the different 'Omics' techniques, such as transcriptome evaluation, to analyze differential gene expressions. This technique has not yet been broadly used in a clinical setting. Diagnosis and treatment are interlaced. Advancement in diagnosis can help with treatment by biomarker identification and the pathways involved in developing novel and innovative treatments, such as approaches with small interfering RNA. On the other hand, the more precise and early a diagnosis is, the better the treatment response will be.

In addition, we should not forget about the translation of the achievements in a bidirectional manner among people and small animal species, as many skin diseases have common or similar patho mechanisms, immunopathology and clinical phenotypes. One of the best examples is with atopic dermatitis, where many treatment approaches are shared between dogs and people due to commonalities.

Guest Editor

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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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