



## Implication of Natural Compounds in Animal Wellbeing

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### Message from the Guest Editors

Medicinal plants, herbs and their extracts are increasingly being used for providing multiple health benefits in animals, notably for prophylactic purposes and therapeutic treatments. Their use was further increased to reduce the use of antibiotics and other synthetic drugs. They can adequately stimulate the local defensive responses, favorably influence resident gastrointestinal microflora, improve nutrient digestion and absorption, optimize the growth and health status protecting animals against physio-pathological disturbances. These functional properties can contribute to increase the animal wellbeing in companion animals and in food producing animals. Moreover, their use can improve the quality of livestock products.

Innovative contribution on the use of natural compounds, including their preventive and therapeutic aspects, their efficacy, toxicity and safety assessment, their anti-inflammatory, immunomodulatory and antioxidant effects, as well as standardization and regulatory implications, will be considered.





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