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Novel Feed Ingredients: Improving Health Status, Milk and Meat Quality in Small Ruminants, Second Edition

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Message from the Guest Editors

Alternative feeding approaches are continuously evaluated in small ruminant production systems in an effort to fortify animal health and welfare, improve milk and meat quality, prolong their shelf life and increase their marketable value. Incorporation of novel feed ingredients into small ruminants' diets has therefore emerged as an effective strategy for the enhancement of milk and meat intrinsic quality since bioactive compounds are preferably deposited where they are mostly required. Dietary supplementation with these novel additives could manipulate bacteria involved in ruminal biohydrogenation, decrease methane emissions, enhance animals' health and well-being status, reinforce antioxidant and anti-spoilage properties and positively modify milk and meat quality characteristics.

The aim of this Special Issue is to present original research and reviews on the effects of novel feed ingredients and their bioactive compounds on health and welfare status, as well as milk and meat intrinsic quality of small ruminants.



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Special Issue



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Message from the Editor-in-Chief

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