



Alternative Protein Sources in Feed

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Message from the Guest Editor

In an era that promotes circular economy and sustainability, and considering the increasing demand for food and feed, it is of the utmost importance to assess and characterize potential feed sources providing protein in animal nutrition in order to mitigate environmental impact, improve economic efficiency, and to promote social sustainability and sustainable animal production.

Plant and animal by-products from the agriculture and food production chain, alternative crops, algae, insect meals, yeasts, fungi, and bacteria are some of the examples of sources that have been characterized. Some of the challenges in using alternative protein sources include imbalanced amino acid profile, the presence of antinutritional factors, health hazards, technical issues and high costs related with production and processing.

This Special Issue aims to provide new insights into the characterization of potential protein sources in animal nutrition and their effects on animal health, as well as environmental, economic and social sustainability in animal production.





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Message from the Editor-in-Chief

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