

Special Issue

Fermented Feed for Domestic Animals

Message from the Guest Editor

Fermented feed, derived from the biotransformation of agricultural by-products, food processing residues, and conventional feed raw materials by microorganisms, has emerged as a promising green and high-value feed resource for domestic animal production. By virtue of microbial metabolism, fermented feed not only degrades anti-nutritional factors, improves nutrient digestibility and feed palatability, but also accumulates a wealth of bioactive substances. We warmly invite researchers and scholars to submit original research articles, review papers, and communications, covering the following topics:

Development and optimization of fermentation technologies (solid-state fermentation, liquid fermentation, mixed microbial fermentation) for feed raw materials and agricultural by-products; Identification and functional analysis of bioactive components in fermented feed and their metabolic regulatory mechanisms; Effects of fermented feed on intestinal microbiota, immune function, nutrient metabolism and production performance of domestic animals (pigs, poultry, ruminants, etc.); Novel analytical techniques for the characterization of fermented feed components and their biological effects.

Guest Editor

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Message from the Editor-in-Chief

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