

Special Issue

Alternative and Novel Feeds for Poultry: Nutritive Value, Product Quality and Environmental Aspects

Message from the Guest Editors

The search for alternative and novel feeds for poultry addresses the urgent need to enhance nutritive value and improve product quality and/or environmental aspects. Alternative and novel feeds such as agro-industrial by-products, co-products, plants, insect meal, algae, and fermented and enzymatically treated ingredients, among other novel sources, offer promising avenues to enhance the sustainability of the poultry industry. These alternative feed ingredients can improve nutrient efficiency, reduce the reliance on conventional ingredients, and minimize environmental challenges. Simultaneously, they have the potential to enhance the quality of animal-derived products, such as meat and eggs, by influencing factors like fatty acid profiles, protein composition, bioactive compounds, antioxidant profile, shelf-life, and overall sensory appeal. This Special Issue aims to bring together contributions from multidisciplinary perspectives focusing on the nutritive value of such feeds, their impact on animal health and welfare, their effects on product quality, and their role in mitigating environmental concerns.

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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