

Special Issue

Advances in Sustainable Animal Nutrition: Impacts on Physiology, Health, and Production

Message from the Guest Editors

This Special Issue, entitled “**Advances in Sustainable Animal Nutrition: Impacts on Physiology, Health, and Production**”, aims to collect advanced research, addressing how novel nutritional strategies affect the physiological, metabolic, and productive responses of livestock species. This issue focuses on exploring mechanisms related to digestion, metabolism, immunity, nutrient absorption, and gut health in relation to alternative feeds. Relevant topics include, but are not limited to, the following areas:

- The effects of alternative feed ingredients on animal growth, performance, and nutrient utilization;
- Influence of feed strategies on digestion, metabolism, gut health, and microbiota composition;
- Impacts of nutrition on immune function, oxidative stress, and animal health;
- The role of precision feeding in optimizing physiological responses and feed efficiency;
- Nutritional interventions to support animal welfare and resilience.

We look forward to receiving your contributions and engaging with the scientific community in shaping a more sustainable future for animal agriculture.

Guest Editors

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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