

## Special Issue

# Nutrition Impact on Production and Reproduction in Livestock

### Message from the Guest Editors

Nutrition is a critical factor in guaranteeing the quality and quantity of animal products as well as the overall sustainability of livestock operations. It is critical to understand how livestock's nutritional state affects both their production and ability to reproduce. In order to satisfy the growing demand from consumers for high-quality animal products, it is crucial to have a thorough understanding of how to optimize nutrition for livestock. Exploring the complex relationship between diet and animal production and reproduction is the focus of this Special Issue. It digs into the creation and evaluation of dietary plans intended to boost reproduction effectiveness, increase livestock performance, and guarantee the production of high-quality animal products. A wide variety of livestock species, including cattle, poultry, swine, and more, will be covered in the contributions to this Special Issue, which will also draw on multidisciplinary research from disciplines including animal science, veterinary medicine, and nutritional science. We want original research, viewpoints, and reviews to encourage a thorough conversation on this important subject.

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### Guest Editors

Dr. Caio Seiti Takiya

Dr. Tiago Antonio Del Valle

Dr. Thiago Henrique Da Silva

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### Deadline for manuscript submissions

closed (30 January 2025)



## Agriculture

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## About the Journal

### 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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### Editor-in-Chief

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