

Special Issue

Innovations in Dairy Cattle Health and Nutrition Management

Message from the Guest Editors

The management of cattle nutrition constitutes one of the most crucial elements in commercial dairy farms, as it influences the milk yield and substantially affects animal health. However, dairying is complicated due to some form of metabolic disease afflicting up to 50% of dairy cows. Consequently, research has focused on the development of innovative nutritional management strategies, the optimization of metabolic disorder monitoring using various sensors (animal activity, feeding behaviour, rumen activity, etc.), and the evaluation of different biomarkers for the early diagnosis of these diseases. Welcoming scientists and researchers from relevant fields to contribute by presenting original research papers and literature reviews on a wide range of topics related to the optimization of dairy cattle health through innovative nutritional management strategies, with a particular focus on the study of ruminal fermentation and microbiota, as well as various biomarkers acting as valuable tools for the early diagnosis of metabolic diseases.

Guest Editors

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