



## Innovating in Dairy Farming towards Ecological Sustainability and Animal Welfare Promotion

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### Message from the Guest Editor

Dear Colleagues,

Nowadays, the dairy sector is reaching a crossroads that could soon lead to a paradigm shift. Public opinion is seriously concerned about its polluting impact and is also beginning to question the long-term ecological sustainability of milk production. In addition, milk consumers are increasingly demanding improvements in the welfare of dairy cattle, with some production systems having their days numbered. At the same time, stakeholders are trying to guarantee that these pivotal changes do not compromise the economic viability of dairy farming, as they face rising feed, energy, water, and labor costs.

Therefore, dairy production can only have a future if it reduces its polluting impact, if it decreases or uses more efficiently the resources it consumes, and if measures are implemented to effectively ensure the welfare of dairy cows.

The purpose of this Special Issue is to publish original research articles or reviews on strategies that can contribute to more economically and ecologically sustainable dairy production that also promotes animal welfare.

Dr. Paulo Cortez  
*Guest Editor*





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