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Nutrition and Reproduction Relationships in Animals

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Message from the Guest Editors

It is well known that the profitability of livestock production systems depends on the efficiency of reproductive management. In farm animals, reproductive performances are mainly determined by the fertility and prolificacy at the first reproductive season and at the adult stage. However, despite efforts to enhance the reproductive indexes in different mammal species, reproductive failures continue to negatively affect the fertility rate. In this sense, nutritional factors and their effects on reproductive physiology have been the aim of studies on different species during the last decade. In fact, the strategic use of different nutrients or feed additives has been a useful tool to enhance the reproductive performance in both females and males as well as an alternative means to reduce the dependency of hormonal treatment commonly used in domestic animals. Thus, the aim of the present Special Issue is to highlight the state of the art in the use of feed additives and strategic supplementation as an alternative to improve the reproductive and productive indicators in domestic animals.



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Special Issue



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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