



Maternal Nutrition on Fetal and Newborns Health

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Deadline for manuscript submissions:
closed (31 August 2020)

Message from the Guest Editors

Dear Colleagues,

Maternal nutrition is a key factor for successful pregnancies in all mammalian species. Adequate fetal growth and development are dependent on this nutrition, as is the birth of a healthy newborn with a high expectation of postnatal survival. Likewise, the health of animals during postnatal life depends on the conditions of intrauterine life, which is a phenomenon known as fetal programming, where maternal nutrition is certainly a determining factor. In animals, nutrition is strongly influenced by environmental factors, especially climatic factors, which determine the supply of vegetal resources and, therefore, the supply of primary nutritional resources. In the new scenario of accelerated climate change, animal nutrition is a major challenge in many regions of the world, which requires new alternatives for strategic feeding, especially in pregnant females, whose nutrient demands are increased.

We invite original research papers addressing aspects of the relationship between maternal nutrition and fetal and newborn health and well-being, both in domesticated and wild animals.





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Message from the Editor-in-Chief

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