Host-Parasite Relationships in Veterinary Parasitology: Get to Know Your Enemy before Fighting it

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Message from the Guest Editor

The evolutionary success of parasitism is directly related to the huge number of species that have evolved this way of life. Such success could be explained by the mechanisms evolved by these species to confront and evade the responses of their hosts, together with their capacity to adapt the metabolic processes of their hosts for their own benefit. In regards to veterinary parasitology, these adaptations may result in chronic infections that cause disease in animals resulting in loss of production, suffering and even death. Regrettably and despite their worldwide relevance, the vaccination approaches against parasites carried out so far, have not given the expected results. Consequently, the main objective of this Special Issue is to shed light on the cross-talk interactions between parasites of veterinary importance and their host as a fundamental step for the future development of more effective vaccines or for the characterization of new therapeutic targets for the control of these parasitic diseases.

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Special Issue

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Message from the Editor-in-Chief

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