



## Advances in the Control of the Helminthosis in Domestic Animals

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### Message from the Guest Editor

Helminthosis represents a global problem that is not only attributed to financial losses, but also to losses caused by damage to animal health. To overcome this problem, the most common behavior of owners and breeders is to resort to the use of anthelmintic chemicals. However, this alternative has often presented unsatisfactory results, since the occurrence of the development of resistance by parasites to commercially available antiparasitic drugs has been reported frequently in several countries. Changes in consumer perspective regarding animal welfare in production and sustainability have conquered a significant share of the market as a result of demand for chemical-free products. Among the advances for the control of helminthosis, we have the biological control, vaccines, resistant breeds, nanotechnology and even new anthelmintics, whether chemical or phytotherapeutic, that are necessary for the dynamics of the control of helminthosis.





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## Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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