

Special Issue

Biology, Epidemiology and Interactions of Parasitic Diseases

Message from the Guest Editors

Several biotic and abiotic factors can interfere with the development of species, and parasites are biotic factors that interfere with the dynamics, density, dispersal, and development of domestic and wild animals, and even humans. Among the parasite–host relationships, there is the following: parasites can kill their hosts, change their eating habits, and interfere with the reproduction process of their hosts; increase the dispersion of populations; or have no effect. Furthermore, the accelerated process of anthropization, which causes habitat restrictions and increases human interaction with several species of wild animals, has been altering the biological dynamics of several pathogens in natural adaptation processes due to these new interactions, including parasites. Knowledge about biology, epidemiology, and interactions in parasitic diseases is essential for control strategies and public policies to be adopted effectively, especially in zoonoses, emerging diseases, and neglected diseases.

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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.

Editor-in-Chief

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