

## Special Issue

# Tropical Diseases: Parasite Interactions with Animal Hosts

### Message from the Guest Editors

When a parasite infects an animal host, interactions occur between them. Parasites affect animal hosts via physical and/or chemical stimulation, and hosts respond to these stimulations through physical, immunological, and pathological changes. Such interactions are unique and sometimes dynamic, and the changes in hosts vary from mild to drastic. The interactions can also be considered to be related to host selection and the specificity of the parasites. Generally, animal hosts attempt to expel/destroy infecting parasites through the complex responses mentioned above, while parasites attempt to survive by evading/interfering with the hosts' protective mechanisms. As a result, these parasite–host interactions determine whether parasites are able to survive for a long period of time in the hosts or are expelled/destroyed by the host animals. Instead of expelling/destroying parasites, host animals can sometimes damage themselves through their own overresponses. Those events may induce pathological changes in the hosts.

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### Guest Editors

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Prof. Dr. Nonaka Nariaki  
Prof. Dr. Ayako Yoshida

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### Deadline for manuscript submissions

closed (10 August 2023)



## Veterinary Sciences

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Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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### Editor-in-Chief

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