Special Issue

Parasitic Diseases in Livestock

Message from the Guest Editors

This Special Issue, entitled “Parasitic Diseases in Livestock”, aims to present recent research on any aspect (i.e., etiology, pathogenesis, epidemiology, diagnosis, treatment, control, and prevention) of parasitic diseases of livestock. These diseases are caused by both endoparasites (helminths and protozoa) and ectoparasites, including those responsible for the transmission of vector-borne pathogens. Parasitic diseases pose severe risks to animal health, welfare, and productivity, which in turn impacts the economy. Indeed, parasites may impact animal reproduction and productivity, and eventually also cause mortality, all of which are associated with monetary loss to the farmer. Moreover, since many parasite species are zoonotic, the burden on human health and the effect on well-being should also be considered. In the spirit of One Health, the control of parasitic diseases in animals and the correct diagnostic approach are of the utmost importance for improving and achieving optimal human health. Due to the rapid emergence of antiparasitic drug resistance, insight into resistance mechanisms and the development of appropriate treatment schemes are urgently needed.

Guest Editors

Dr. Luca Villa

Dr. Aleksandra Uzelac

Dr. Ivana Klun

Deadline for manuscript submissions

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/microorganisms

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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