

# Special Issue

## Marek's Disease Virus

### Message from the Guest Editors

Dear colleagues, Marek's disease virus (MDV) is a highly oncogenic alphaherpesvirus of chickens and an enormous burden to poultry production worldwide. Despite the control of losses due to Marek's disease through the widespread use of vaccines, MDV remains a major threat to chickens and field strains have increased in virulence over the past decades. MDV research has led to a profound increase in knowledge of virus-induced pathogenesis and tumor development. However, a more detailed and mechanistic understanding of viral and host factors that contribute to virus replication and pathogenesis, as well as the development of new vaccines and antiviral strategies, are needed to better protect chickens from this deadly disease in the future. This Special Issue will publish manuscripts that provide deeper insights into important aspects of MDV infection, lytic replication, latency, pathogenesis, and immune system interactions, as well as a greater understanding of the evolution of increased virulence of MDV field strains. We're looking forward to your contributions!

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### Guest Editors

Prof. Dr. Mark S. Parcells

Dr. Luca D. Bertzbach

Prof. Dr. Benedikt B. Kaufer

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### Deadline for manuscript submissions

closed (31 October 2021)



## Microorganisms

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## About the Journal

### 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.

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### Editor-in-Chief

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