

# Special Issue

## Tick-Borne Viruses 2026

### Message from the Guest Editor

Tick-borne viruses (TBVs) represent a significant and expanding public health threat, with increasing incidence and geographic range driven by complex ecological, environmental, and anthropogenic factors. The mechanisms of tick-borne transmission, including tick saliva-mediated host interactions, exosomes, and antiviral mechanisms, challenge our understanding of how TBVs survive. At the same time, advances in surveillance techniques, high-throughput processing, and data analysis are revealing novel viruses and shedding light on the evolutionary relationships and zoonotic potential of these agents.

This Special Issue brings together original research articles and reviews that span the molecular biology, transmission, vector–host interactions, ecology, and emerging control strategies for tick-borne viruses. Our aim is to provide a comprehensive update on the current state of the field and to highlight critical knowledge gaps that warrant future investigation.

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### Guest Editor

Prof. Dr. Pat Nuttall

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### Deadline for manuscript submissions

31 October 2026



## Viruses

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### Editor-in-Chief

Dr. Eric O. Freed

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