

Topical Collection

Prions and Chronic Wasting Diseases

Message from the Collection Editor

Prions, which are enigmatic proteins recognized for their viral-like transmissibility, including strains and evolvability, are the triggers for fatal neurodegenerative diseases such as chronic wasting disease (CWD). CWD, a cervid prion disease, has raised concerns due to its high lateral transmissibility, resulting in high prevalence among free-ranging animals and posing risks to other animal species and potentially humans. Consequently, CWD represents a critical intersection of wildlife health, conservation, and public health, warranting scientific attention. This collection aims to rapidly publish the latest findings in the fields of prions, CWD, and prion-like transmission. The open accessibility of these findings will facilitate knowledge exchange, catalyzing collaborative efforts to unravel the mysteries surrounding these devastating disorders and pave the way for transformative breakthroughs. Manuscripts in any format, including original research, reviews, and personal opinions, are welcome for publication in this collection.

Collection Editor

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Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



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About the Journal

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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