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Human Prion Disease

Guest Editor:

Prof. Dr. Pawel P. Liberski
Laboratory of Electron Microscopy and Neuropathology, Department of Molecular Pathology and Neuropathology, Medical University Lodz, 90-419 Lodz, Poland

Deadline for manuscript submissions:
closed (15 June 2022)

Message from the Guest Editor

Prion diseases are a unique class of neurodegenerations caused by prions. Prions are abnormally folded proteins which originate from normal cellular proteins. For instance, in scrapie, normal protein (PrP^{c}) is encoded by a cellur gene while abnormal protein (PrP^{Sc}) is an apathohenic one. Several other proteins like Ab in Alzheimer disease or a-synuclein in Parkinson disease and multiple system atrophy behave like prions. Prions are encountered not only in humans and animals but also in yeasts.

This Special Issue aims to highlight recent advances in the prion field. Both reviews and original articles are welcome.

Topics can include but are not limited to:

1. Neuropathology of prion disease
2. The nature of prions
3. Structural biology of prions
4. Mechanisms of prion diseases

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Editor-in-Chief

Prof. Dr. Lawrence S. Young
Warwick Medical School,
University of Warwick, Coventry
CV4 7AL, UK

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.

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Contact Us

Pathogens Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/pathogens
pathogens@mdpi.com
𝕏@Pathogens_MDPI