Special Issue

Prions and Prion Diseases

Message from the Guest Editor

Prion diseases, which include Creutzfeldt–Jakob disease in humans and scrapie and bovine spongiform encephalopathy in animals, are caused by accumulation of proteinaceous infectious particles, or the so-called prions, in the brain. This Special Issue calls for original articles, reviews, and perspectives in relevant research fields, including those for the normal function of PrPC, the neurotoxic mechanism of PrPSc, structural studies of PrPSc, the conversion mechanism of PrPC into PrPSc, elucidation of the molecular mechanism of hereditary prion diseases in humans and animal models, and interventional approaches against prion diseases. Studies on nonmammalian prions are also welcome.

Guest Editor

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The *International Journal of Molecular Sciences* (*IJMS*) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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