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Prions and Prion Diseases

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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 PrP^{C}, the neurotoxic mechanism of PrP^{Sc}, structural studies of PrP^{Sc}, the conversion mechanism of PrP^{C} into PrP^{Sc}, 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.

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Message from the Editor-in-Chief

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