

Special Issue

Roles of Inflammasomes in Inflammatory Responses and Human Diseases

Message from the Guest Editor

Inflammation is an innate immune defense that protects our body tissues from pathogens and cellular dangers; however, repeated and prolonged inflammation known as chronic inflammation has been considered as a key risk factor for a variety of human diseases. The inflammasome activation has been regarded as a key determinant for the induction of inflammatory responses and the progression of various human diseases, and the inhibition of inflammatory responses by selective targeting of inflammasomes has been suggested as a promising strategy to develop novel therapeutics for the treatment of these human diseases. However, the roles of inflammasomes and their dysregulation during inflammatory responses and human diseases are still largely unknown and remain to be investigated. This Special Issue welcomes studies exploring but not limited to the “Roles of Inflammasomes in Inflammatory Responses and Human Diseases”, identifying and validating novel targets regulating inflammasome functions, evaluating anti-inflammatory effects by targeting inflammasomes, and developing potential inflammasome-targeted therapeutics.

Guest Editor

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