



## Inflammation, Inflammatory Diseases, and Inflammasomes

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### Message from the Guest Editors

Much effort has been made on demonstrating the mechanisms of inflammatory responses and developing anti-inflammatory therapeutics, however, previous studies have mainly focused on the “priming”, a preparatory step of inflammatory responses. Recent studies have actively demonstrated the “triggering”, an activation step of inflammatory responses. The Cardinal feature of the triggering is the activation of inflammasomes, intracellular inflammatory protein complexes. Previous studies have demonstrated the roles of inflammasomes in inflammatory responses and diseases, which provides strong evidence that inflammasomes are central players for inflammation and new potential targets for novel anti-inflammatory drug development. However, inflammasome functions and their dysregulation in inflammatory responses and diseases still remain to be investigated.

This Special Issue welcomes the studies focusing on but not limited to the role of inflammasomes in inflammatory responses and disease, identification and validation of novel molecules regulating inflammasome functions, and potential inflammasome-targeted therapeutics.

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