



Eosinophilic Inflammation

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Message from the Guest Editors

Dear colleagues,

The focus of this Special Issue is eosinophilic inflammation such as allergic rhinitis, asthma, chronic rhinosinusitis with nasal polyp, esophagitis, gastroenteritis, and otitis media.

Eosinophils are key contributors to Th2-associated pathologies such as allergic disorders. They also function as effectors in the innate immune response through the expression of Toll-like receptors. In the inflamed site, activated eosinophils exert their effects through cytotoxic mediators, comprising granules (EPO, MBP, ECP, and EDN), cytokines, chemokines, and lipid mediators, resulting in tissue damage. However, little is known about the mechanisms of pathogenesis by activated eosinophils.

Here, we focus not only all clinical investigations involved in eosinophils-derived disorders but also basic on investigations *in vitro* and *in vivo* using animal models.





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