

## Special Issue

# Advances in Colitis Research: Exploring Molecular Mechanisms and Immune Regulation

### Message from the Guest Editor

Multiple infectious, inflammatory or noxious agents can trigger colitis. Numerous studies on pathologic cell populations, disrupted signaling networks, genetic alterations and variations in the composition of microbiota have advanced our understanding of these multifactorial diseases. However, the molecular mechanisms underlying inadequate tissue reactions and loss of mucosal tolerance have frequently not been explored in detail yet. Moreover, the molecular basis of the mutual networks between the microbiota and the host driving immune regulation is largely unknown. To unravel these complex circuits, we invite studies using novel technologies and innovative approaches to advance the understanding of the molecular patterns and signaling networks in colitis.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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