

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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