



## The Cellular and Molecular Bases for Inflammatory Bowel Diseases (IBDs)

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

Inflammatory bowel diseases (IBDs) comprise Ulcerative Colitis and Crohn's disease, both are relapsing inflammatory diseases, mainly affecting the gastrointestinal tract with potential extraintestinal manifestations. During an IBD, the intestinal barrier function is compromised, facilitating the infiltration of bacteria and their products into the lamina propria and even the systemic circulation. In response to this bacterial stimuli, immune cells in the lamina propria are activated to release pro-inflammatory cytokines, which enhance the further infiltration of immune cells and result in chronic intestinal inflammation. Advances in understanding IBD pathophysiology are needed to develop innovative diagnostic and therapeutic strategies for treating IBDs.

Since IBDs are multifactorial disorders, disease mechanisms include not only innate and adaptive immunity but also interactions between genetic factors, environment, and microbiota. This Special Issue will include original research articles, high-quality meta-analyses, and state-of-the-art reviews discussing recent findings regarding molecular and cellular insights into the onset and maintenance of IBDs





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