

## Special Issue

# Pathophysiology and Treatment of Inflammatory Bowel Disease

### Message from the Guest Editors

Crohn's disease (CD) and ulcerative colitis (UC), the two main subtypes of inflammatory bowel disease (IBD), are chronic relapsing inflammatory disorders of the gastrointestinal tract. The pathophysiology of IBD is described to result from an abnormal crosstalk between gut microbiota and immune system favored by a weakened intestinal barrier, leading to inflammation. Although the *primum movens* remains unknown, an increased intestinal permeability is clearly involved in the genesis of this abnormal crosstalk, leading to whole tissue inflammation. Thus, as newly reported intestinal permeability is a sensitive prognostic indicator of relapse in patients with quiescent IBD. The genetic and environmental factors as well as their interactions involved in IBD pathogenesis are continuously being investigated, and this improved knowledge is contributing to the development of new therapies. Here, we invite experts to contribute to this Special Issue with original research or review articles investigating the cellular and molecular mechanisms involved in the pathophysiology of IBD, as well as new advances in the therapeutic ways to treat IBD.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2022)



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### Editor-in-Chief

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