

Special Issue

Pathogenesis and Molecular Therapy of Inflammatory Bowel Disease

Message from the Guest Editor

The intestinal epithelium plays a central role in maintaining gut homeostasis by serving as a physical and immunological barrier between the host and its luminal environment, including the microbiota. This Special Issue aims to bring together original research and comprehensive reviews that advance our understanding of epithelial biology, barrier regulation, and host–microbe interactions in the gut. We welcome studies focusing on molecular mechanisms of tight junction regulation, epithelial restitution, autophagy, mucosal immunity, microbiota-mediated modulation of epithelial functions, and novel therapeutic targets aimed at restoring barrier integrity. By integrating multidisciplinary insights, this Issue will provide a timely platform for researchers exploring the dynamic epithelial interface and its role in gastrointestinal health and diseases.

Guest Editor

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Message from the Editor-in-Chief

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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