

## Special Issue

# Interactions between the Environment and the Intestinal Epithelium: Gut Barrier Function and Inflammation

### Message from the Guest Editors

The gastrointestinal tract is a complex interface between the immune system and its external environment. It establishes a dynamic barrier. The ability to control the intake of nutrients across the mucosa and protect it from damage of harmful substances contained in the lumen is defined as the intestinal barrier function (IBF). Numerous human diseases, including intestinal pathologies, as well as extra-intestinal pathologies, are linked to an impairment of the IBF. Therefore, identifying and understanding the mechanisms by which environmental factors destabilize the IBF, represent an important research direction for the diagnosis and treatment of various diseases. Here, we invite experts to contribute to this Special Issue with original research or review articles, investigating the components of the environment that may have a impact on the IBF.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2024)



## 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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### Editor-in-Chief

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