

## Special Issue

# Gut Dysbiosis in Inflammatory Diseases

### Message from the Guest Editor

The gut microbiota plays a crucial role in the immune system and has significant implications for inflammatory diseases. The gut microbiota helps inform the immune system, promoting the development of both innate and adaptive immunity. Dysbiosis, or an imbalance in gut bacteria, has been linked to autoimmune diseases like rheumatoid arthritis and multiple sclerosis, inflammatory bowel diseases such as Crohn's disease and ulcerative colitis, and metabolic disorders like obesity and type 2 diabetes. The gut microbiota is a complex and dynamic ecosystem, and several unsolved questions continue to intrigue researchers. The purpose of this Special Issue is to highlight recent findings regarding how gut microbiota interacts with the immune system and its association with various inflammatory diseases. The goal of this Special Issue is to provide a broad scope that would include research papers and reviews related to specific interactions between gut microbiota and innate and adaptive immunity, as well factors linked to dysbiosis, gut–host organ communi

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### Guest Editor

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### Deadline for manuscript submissions

15 October 2026



## Cells

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Impact Factor 5.2  
CiteScore 10.5  
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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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