

## Special Issue

# From Physiology and Pathology Research to Clinical Insights in Gastrointestinal Disorders

### Message from the Guest Editors

This Special Issue aims to emphasize the crucial relationship between physiology and pathology research achievements and the clinical approaches of patients to gastrointestinal disorders.

By exploring the underlying physiology and the pathology, this Special Issue will focus on key mechanisms and pathways related to cellular signaling, inflammation and their actors and oxidative stress, whilst also highlighting the importance of specific functions of the digestive tract—motility, secretion, nutrient absorption and its complex function—where the brain–gut interaction plays a vital role.

Other aspects related to cellular death encompass necrosis and apoptosis, cellular proliferation, and various vascular features of the digestive tract. However, the liver and pancreas will also be of great interest.

The gut microbiota, another key actor involved in human health—as well as in many organic and functional gastrointestinal disorders—will also be reviewed. We aim to contribute to new advances in how we view underlying mechanisms resulting in the creation of innovative diagnostic and therapeutical tools that will become reliable assets in clinical practice.

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### Guest Editors

Dr. Doina Georgescu

Dr. Felix Bratosin

Dr. Ana Lascu

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### Deadline for manuscript submissions

30 September 2026



## Life

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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