

Special Issue

Ulcerative Colitis: Pathogenesis, Clinical Management, and Emerging Therapies

Message from the Guest Editors

Ulcerative colitis (UC) is a chronic inflammatory disease of the intestine characterized by continuous inflammation of the mucous membrane. Even today, after many years of research, its exact pathogenesis remains unclear, involving a complex interaction between genetic predisposition, environmental factors, immune imbalance, and modifications in the gut microbiome. The disease is a complex interaction with a genetic background, directly related to both environmental factors and modifications in the intestinal microbiome. Advances in molecular biology and immunology have enhanced our understanding. However, translating this knowledge into successful, personalized therapies remains a significant challenge. In clinical practice, the management of UC has evolved significantly with the introduction of new biologics, small molecules, and therapeutic approaches aimed at mucosal repair, sustained remission, and improved quality of life. This Special Issue seeks to compile original research, reviews, and viewpoints that investigate recent advancements in UC, covering aspects such as disease mechanisms, diagnostic breakthroughs, and emerging treatments.

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