



Pathophysiology and Treatment of Inflammatory Bowel Disease

Guest Editors:

Dr. Frédéric Barreau

INSERM, INRAE, ENVT, Université
de Toulouse, UPS, F-31000
Toulouse, France

Prof. Dr. Emmanuel Mas

1. INSERM, INRAE, ENVT,
Université de Toulouse, UPS, F-
31000 Toulouse, France
2. Unité de Gastroentérologie,
Hépatologie, Nutrition,
Diabétologie et Maladies
Héréditaires du Métabolisme,
Hôpital des Enfants, CHU de
Toulouse, F-31300 Toulouse,
France

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Message from the Guest Editors

Crohn's disease (CD) and ulcerative colitis (UC), the two main subtypes of inflammatory bowel disease (IBD), are chronic relapsing inflammatory disorders of the gastrointestinal tract. The pathophysiology of IBD is described to result from an abnormal crosstalk between gut microbiota and immune system favored by a weakened intestinal barrier, leading to inflammation. Although the *primum movens* remains unknown, an increased intestinal permeability is clearly involved in the genesis of this abnormal crosstalk, leading to whole tissue inflammation. Thus, as newly reported intestinal permeability is a sensitive prognostic indicator of relapse in patients with quiescent IBD.

The genetic and environmental factors as well as their interactions involved in IBD pathogenesis are continuously being investigated, and this improved knowledge is contributing to the development of new therapies.

Here, we invite experts to contribute to this Special Issue with original research or review articles investigating the cellular and molecular mechanisms involved in the pathophysiology of IBD, as well as new advances in the therapeutic ways to treat IBD.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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