

Tentative Outline

Special Issue for Current Clinical Pharmacology

Title: New effects of prebiotics, probiotics, and symbiotics

Guest Editor: Omar Cauli

Aims & Scope:

The gut microbiota and their metabolites play a central role in modulating gut health and disease in all age groups. The administration of beneficial microbes (probiotics) confer several health benefits on the host, The administration of some indigestible dietary fibre/carbohydrate (prebiotics) alone or in combination with probiotics (symbiotics) can also alter the composition and/or activity of the intestinal microbiota and bring possible benefits to the individual's health. The use of prebiotics, probiotics, and symbiotics formulations has been appreciated for the health benefits in "topping up your good bacteria" or indeed in an attempt to normalise the dysbiotic microbiota associated with immunopathology.

Prebiotics, probiotics and symbiotics are widely used to maintain a proper gut immune function and to promote healthy digestive system and to treat several gastro-intestinal disorders. New therapeutic uses are emerging in several disorders and pathologies not only affecting the digestive system but also other organs and systems. The thematic issue is intended to shed new lights on this exciting and insightful field of research from a multidisciplinary perspective. The aim is to provide new clinical y preclinical evidence of new uses of prebiotics, probiotics, and synbiotics. We hope that this special issue will help to attract the interest of different medical specialties, nursing care and other communities, such as the public, health-related academics and industry, on this group of bioactive compounds.

Subtopics:

1. New effects in gastro-intestinal system and related disorders.
2. Effects on brain function
3. Effects in neuropsychiatric disorders
4. Effects in cancer patients
5. Effects in genito-urinary system
76. Effect in allergy and dermatological disorders

Approximate Schedule:

- Manuscript submission deadline: November 21st, 2019
- Peer Review Due: January 1st, 2020
- Revision Due: March 2nd, 2020
- Notification of acceptance by the Guest Editor: April 22nd, 2020
- Final manuscripts Due: June 1st, 2020