

Special Issue

Gut-Brain Axis: New Pathophysiological Scenarios and Therapeutic Strategies

Message from the Guest Editors

Currently, the microbiota–gut–brain axis is emerging as a special scientific area of interest and a possible new target for different disorders. Modification in the gut microbiota composition appears to influence behaviour, cognitive processes, and the pain systems by modulating endocrine, immune, metabolic, and neuronal pathways. A better understanding of the mechanism by which the gut–brain axis is involved in chronic diseases may open new therapeutic strategies. The aim of this Special Issue is focused on understanding how an alteration of gut functionality, such as dysbiosis, is involved in different diseases (i.e., neurological and neurodegenerative diseases, chronic pain, obesity, and inflammatory bowel diseases), looking at the identification of specific pathways, risk factors, or conditions to develop better and safer therapies. We invite all interested researchers to submit review articles or original papers related to the topic of this Special Issue, guided by the keywords below. Prof. Roberto Russo

Guest Editors

Dr. Roberto R. Russo

Department of Pharmacy, University of Naples Federico II, 80131 Napoli, Italy

Dr. Claudia Cristiano

Department of Pharmacy, University of Naples Federico II, 80131 Naples, Italy

Deadline for manuscript submissions

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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