



an Open Access Journal by MDPI

# The (Microbiota)-Gut-Brain Axis: Hype or Revolution?

Guest Editor:

### Dr. Lukas Van Oudenhove

Laboratory for Brain-Gut Axis Studies (LaBGAS), Translational Research Center for Gastrointestinal Disorders (TARGID), University of Leuven, Leuven, Belgium

Deadline for manuscript submissions: closed (22 June 2018)

### Message from the Guest Editor

Dear Colleagues,

In this Special Issue on "The (Microbiota)–Gut–Brain Axis: Hype or Revolution?" we invite researchers to submit original research and review articles on the microbiota– gut–brain axis, including but not limited to the following topics:

- gut-brain signaling mechanisms underlying gastrointestinal symptom generation and perception in health and functional gastrointestinal disorders
- gut-brain signaling mechanisms underlying the control of appetite and feeding in health and disease
- influence of nutrient-related gut-brain signals on affective and cognitive processes in health and disease
- influence of gut microbiota composition and function on psychobiological processes in health and disease, and identification of the microbiotagut-brain signaling mechanisms underlying these relationships

Assoc. Prof. Dr. Lukas Van Oudenhove *Guest Editor* 









an Open Access Journal by MDPI

## **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

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

# **Contact Us**

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/ijms ijms@mdpi.com X@IJMS\_MDPI