

Special Issue

Gut-Brain Axis of Neurodegenerative Disease

Message from the Guest Editors

There is increasing evidence showing that the status of the intestinal environment is closely connected with the function of the central nervous system (CNS). This so-called “gut-brain axis” facilitates the bidirectional communication between the central and enteric nervous and endocrine systems, as well as the regulation of immune responses in the gut and brain. All aspects of this system appear to be heavily influenced by the activity of intestinal microbes. This Special Issue is focused on the gut-brain axis of neurodegenerative disease. It will include original articles and reviews focusing on aspects related to the gut-brain axis in neurodegenerative disease, including, but are not limited to, Alzheimer’s disease, Parkinson’s disease, and amyotrophic lateral sclerosis.

Guest Editors

Dr. Alejo J Nevado-Holgado

Department of Psychiatry, University of Oxford, Oxford OX3 7JX, UK

Dr. Liu Shi

Department of Psychiatry, University of Oxford Medical Sciences Division, Oxford OX3 9DU, UK

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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

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