

Special Issue

The Microbiota-Gut-Brain Axis in Neurodegenerative Diseases

Message from the Guest Editors

The etiologies of most neurodegenerative diseases are multifactorial, wherein a close interaction of genetic and environmental factors seem to initiate the pathological process. However, accumulating evidence has suggested that alteration of the brain–gut microbiota homeostasis could worsen the etiology, pathogenesis, and/or progression of disorders such as multiple sclerosis (MS), Parkinson's disease (PD), Alzheimer's disease (AD), amyotrophic lateral sclerosis (ALS), and others. Understanding microbiota–gut–brain communications is an exciting but challenging area of research that may contribute new insights into these pathways, which in turn might lead to novel treatment strategies in neurodegenerative diseases.

This Special Issue, is gathering contributions that seek to advance the understanding of the role of the gut–brain axis in neurodegenerative diseases. This Special Issue calls for reviews as well as original research articles documenting our progress in and current understanding of this exciting and insightful field of research from a multidisciplinary perspective.

Guest Editors

Dr. Fabiana Piscitelli

Endocannabinoid Research Group (ERG) Institute of Biomolecular Chemistry (ICB) Consiglio Nazionale delle Ricerche (CNR), 00015 Rome, Italy

Dr. Tiziana Bisogno

Endocannabinoid Research Group (ERG), Institute of Translational Pharmacology (IFT), Consiglio Nazionale delle Ricerche (CNR), 00185 Rome, Italy

Deadline for manuscript submissions

closed (2 November 2021)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/58708

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

mdpi.com/journal/

[life](https://mdpi.com/journal/life)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)