

## 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

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### Deadline for manuscript submissions

closed (2 November 2021)



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*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.

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### Editor-in-Chief

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