

The Latest Progress of Microbiota-Gut-Brain Axis

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Special Issue Introduction:

More and more research highlights the role of the microbiota-gut-brain axis in modulating enteric and central nervous system function and how it may impact health and disease. Studies are beginning to demonstrate that modulation of the gut microbiota has beneficial effects on neuronal pathways, which may influence the progression of major neurological conditions, including Alzheimer's disease, Parkinson's disease and multiple sclerosis. Therefore, we believe that more focus on this field has the potential to significantly affect human health. This Special Issue will cover the following topics and more:

1. How interactions between diet and the gut microbiota can modify brain integrity and cognitive function;
2. The gut microbiota as a link between dietary interventions and treatment of brain diseases;
3. Gut microbial metabolism and gut-brain axis homeostasis;
4. The emerging role of the gut microbiota in the modulation of neuroinflammation and neurodegeneration;
5. The gut microbiota as a source for novel neuroprotective agents;
6. The role of the gut microbiota in neuropsychiatric disorders;
7. The potential of the gut microbiome in the prevention, development, treatment, and management of CNS diseases, especially when synergized with existing therapies;
8. The use of the gut microbiota as a novel source of biomarkers and prognosis predictors in CNS disease;
9. Therapeutic opportunities presented by the gut microbiota as adjunctive therapy for psychological and psychiatric disorders;
10. The gut microbiota-brain axis in precision medicine;

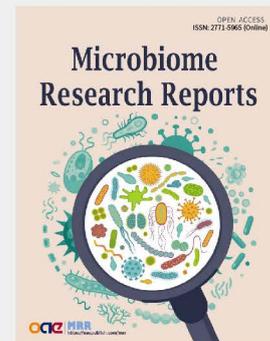
Submission Deadline: 30 Jun 2023

Benefits to Authors:

- The APCs (\$600) will be WAIVED;
- Enjoy faster publication than regular submissions;
- Authors will be invited as Guest Speakers to our journal webinars. The webinar will be held via Zoom and it will also be broadcast live on Youtube and the Chinese WeChat Official Account, Video Account, Bilibili;
- A special interview will be provided to authors and will be promoted on the journal homepage and all media promotion platforms of both via the journal and publisher.

Journal Introduction:

Microbiome Research Reports (MRR) is an international peer-reviewed, open access journal. The overall aim of *MRR* is to publish high quality researches from scientists with a common interest in microbiome/microbiota research in all its multidisciplinary aspects. The journal is founded by OAE Publishing Inc., under the guidance of our Editor-in-Chief Professor Marco Ventura (University of Parma, Italy). *MRR* was officially launched on July 26 2021. Looking forward to your attention and cooperation! Welcome to contact the editorial office for details, editorialoffice@mrrjournal.net.



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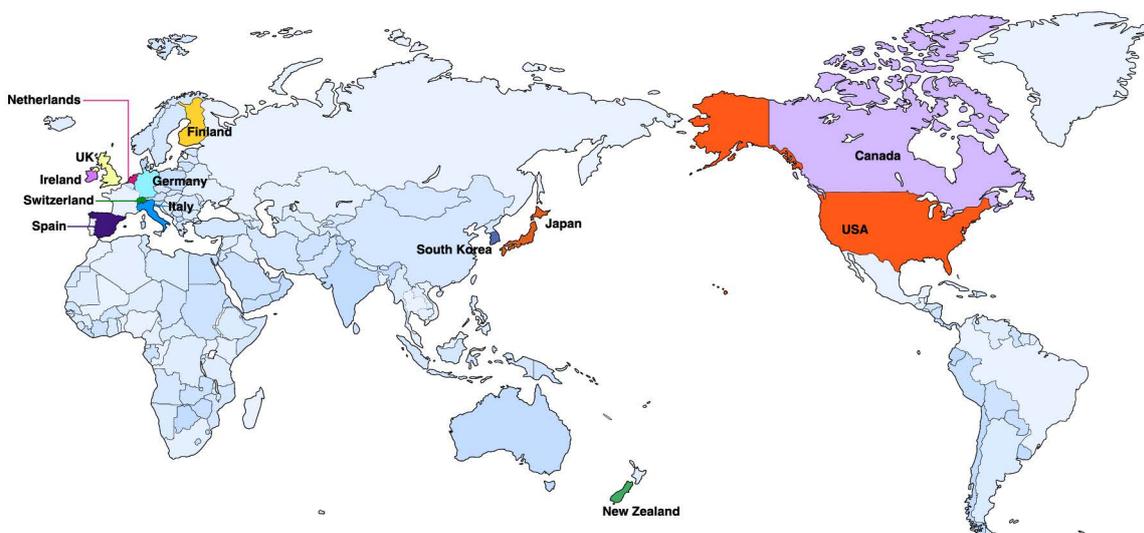
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