

Microbial Biomarkers for Immune Microenvironment in Chronic Diseases: Intervention and Prognosis

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Special Issue Introduction:

The host immune environment bridges the microbiota and the process of many diseases. Accumulating evidence suggests the correlation between microbiota and diseases, in which the causal relationship has become the focus of attention. Among the candidates for the intermediaries, the host immune system takes the essential position. The alternation of the immune system could be the reflex of the diseases. On the other hand, the microbiota could induce the process of diseases through the host immune system. Among the immune system, the host immune environment plays a key role in connecting the two counterparts of microbes and the host and is also the major location for disease origination. Therefore, the immune environment is the central connection between microbiota and the molecular mechanism of diseases.

This Special Issue welcomes submissions of full research articles, perspectives, reviews, meta-analyses, or systematic reviews on all facets of microbial biomarkers for immune microenvironments in chronic diseases. The microbial biomarkers for the immune microenvironment in chronic diseases would promote the intervention and prognosis of human diseases. Therefore, we particularly welcome submissions on the following topics:

1. Microbiome-host interactions, special for immune modulation
2. How the microbiome act on the host immune system
3. Microbial biomarkers for host immune microenvironment in a variety of chronic diseases, like IBD, diabetes mellitus, allergic diseases, cancers, and even chronic infections, etc.
4. Microbial biomarkers for host immune on aging-related diseases and the potential mechanism
5. The alternation of the host immune microenvironment by the microbiome in different organs
6. Microbial biomarkers used for intervention and prognosis of the diseases
7. Other aspects focus on the host immune microenvironment through the microbiome
8. Novel methodology in this field of interaction between microbiota and immune system
9. The interaction between commensals and pathogens

Submission Deadline: 31 Aug 2023

Benefits to Authors:

- The first ten articles published will enjoy the benefit of free APCs;
- 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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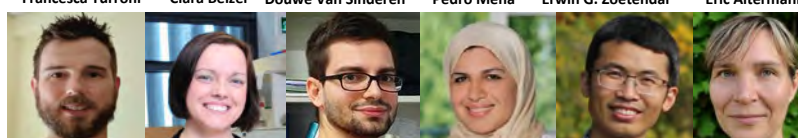
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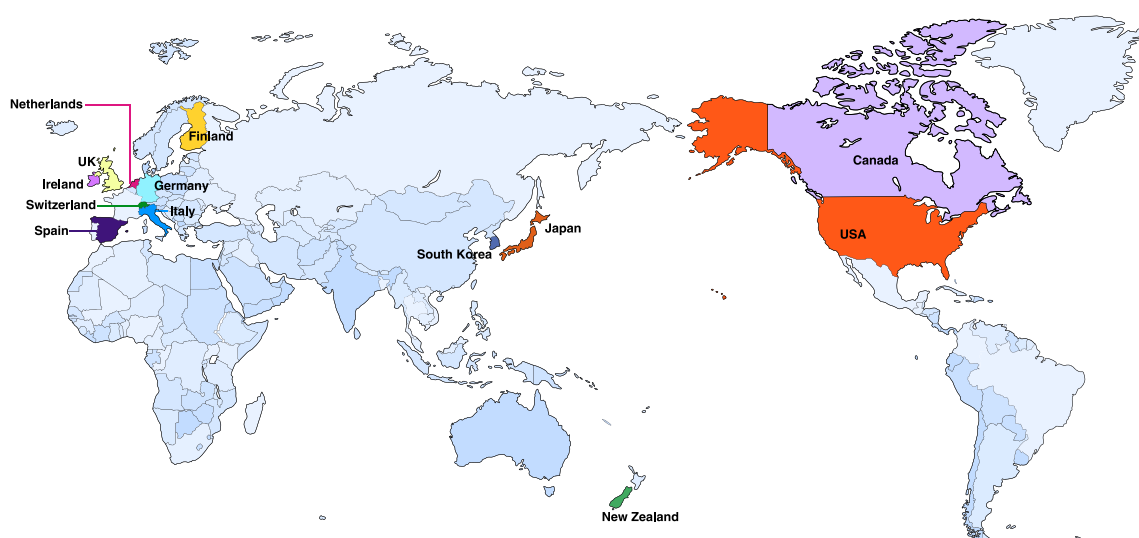
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