

# Lactic Acid Bacteria: Functional Characterization and Applications

Guest Editor:

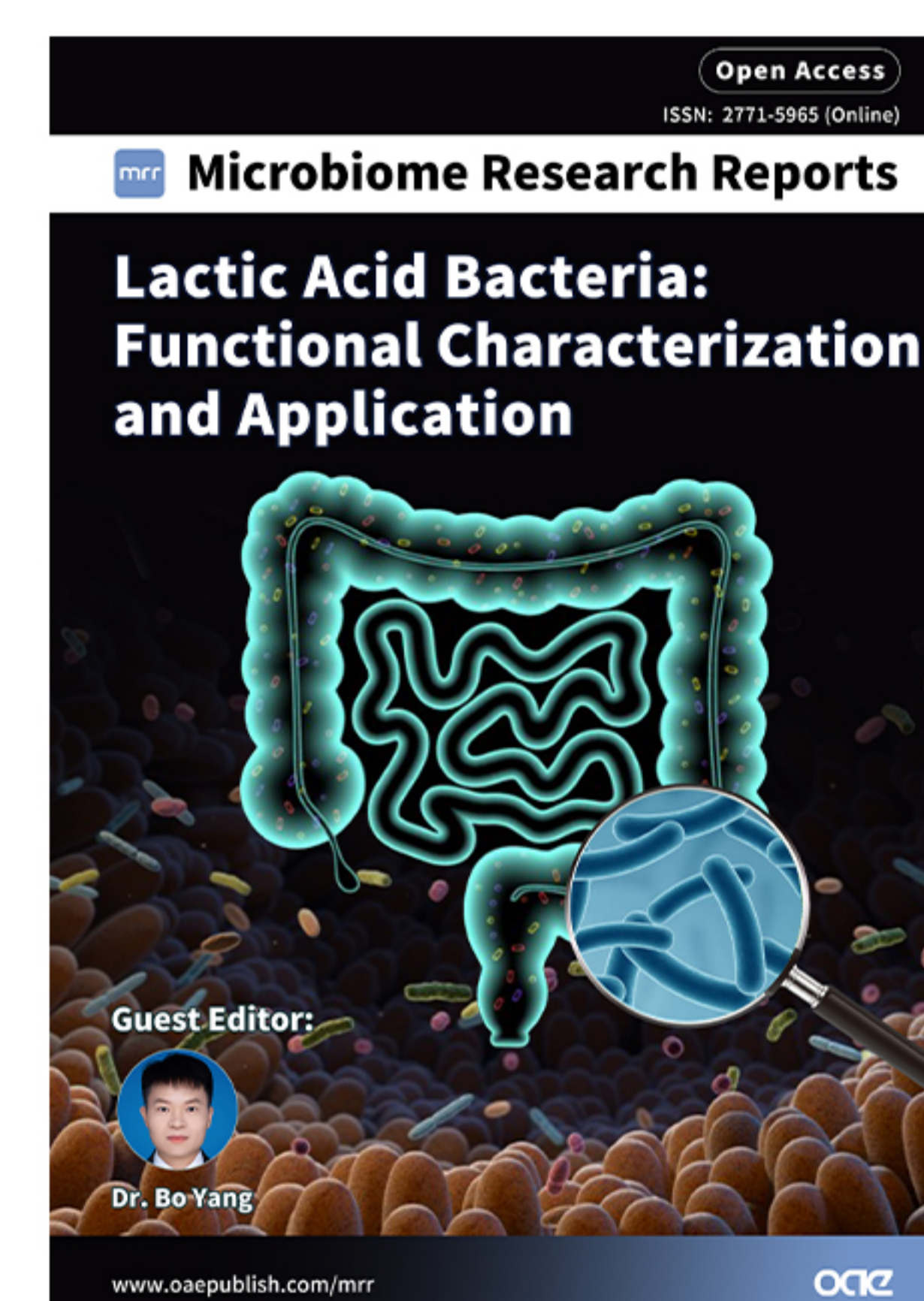


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## Special Issue Introduction:

In recent years, lactic acid bacteria (LAB), as an important part of the gut microbiota, produces a variety of metabolites, including organic acids, amino acids, extracellular polysaccharides and vitamins, etc. Current research mainly focuses on the role of probiotics in gut microbiota and host health. There remains a gap in understanding the various mechanisms through which LAB can regulate gut microbiota, beyond the few well-known pathways. Additionally, few studies have identified the decisive components that play key roles in LAB, such as its surface compounds or metabolites. Also, whether there are synergistic or antagonistic effects among functional components needs to be studied further in order to better expand the application scope of LAB.



We welcome manuscripts describing original research, including but not limited to:

1. Mechanisms of lactic acid bacteria in regulating gut microbiota;
2. Determination of functional components of lactic acid bacteria and their interaction;
3. Broadening of the application of lactic acid bacteria;

*etc.*

**Submission Deadline: 29 Feb 2024**

## Benefits to Authors:

- The first 10 manuscripts submitted to this special issue will be exempted from APCs (\$1,200).
- 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](mailto:editorialoffice@mrrjournal.net).



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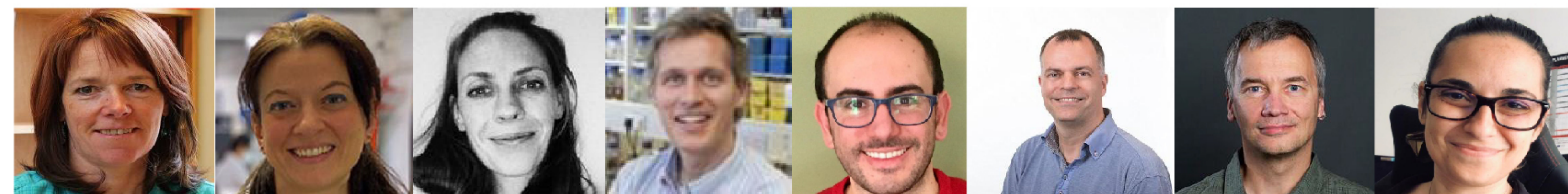
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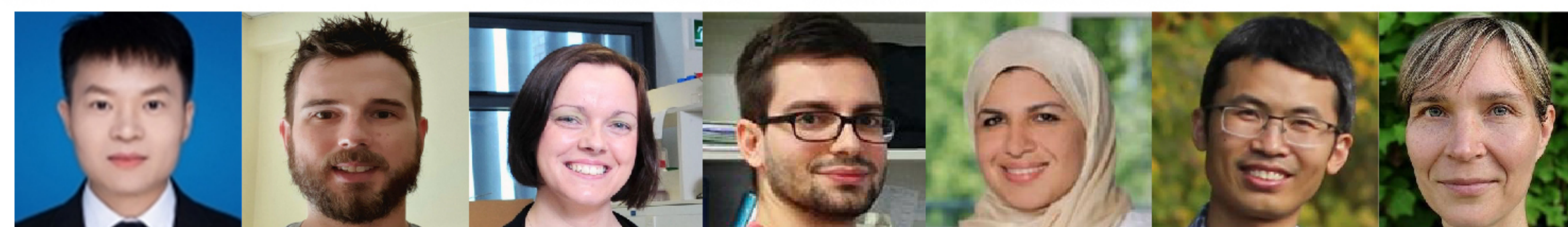
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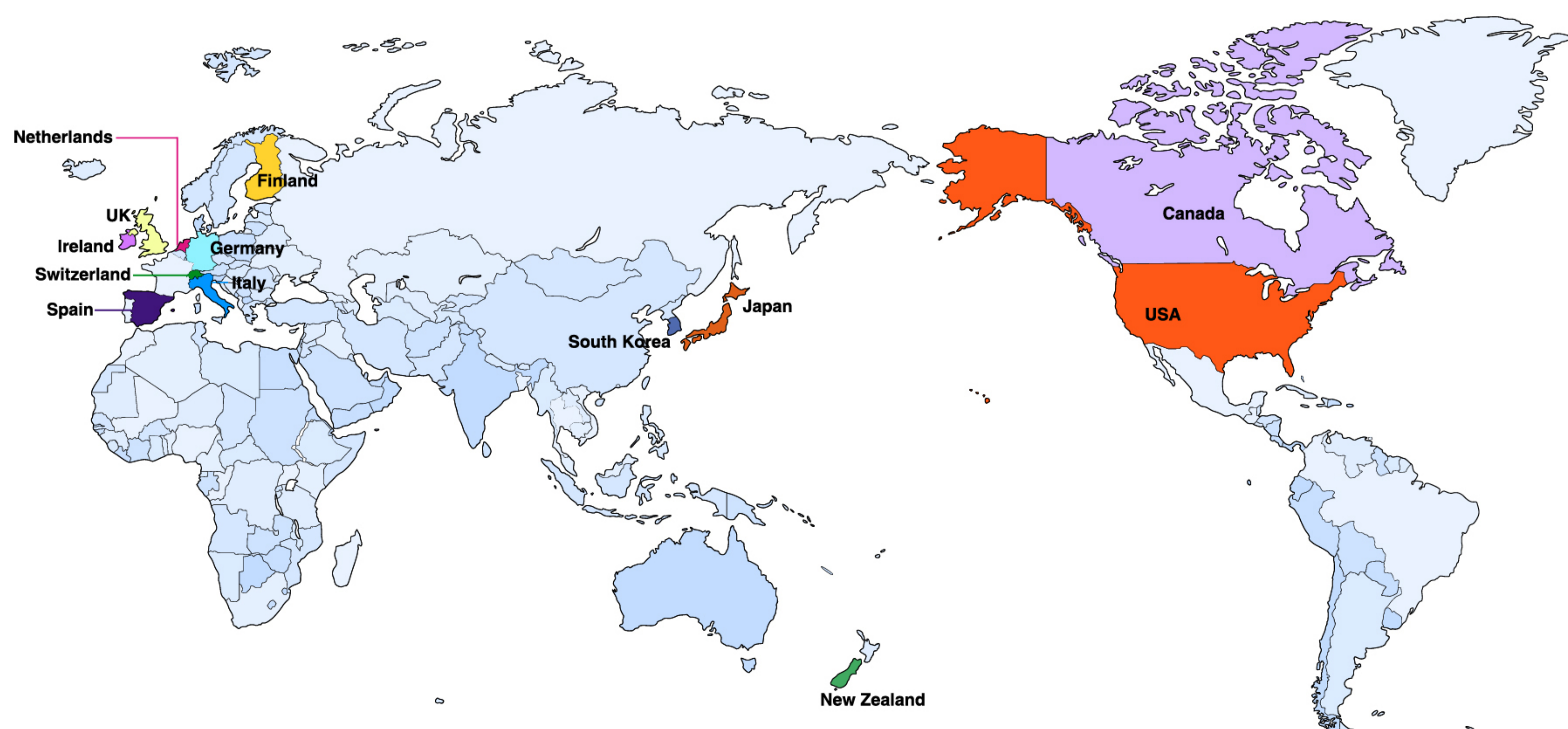
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