

## Special Issue

# Probiotics, Prebiotics, Postbiotics and Intestinal Barrier Function

### Message from the Guest Editor

Problems such as the emergence of drug-resistant genes and compromised food safety caused by the overuse of antibiotics are becoming increasingly prominent. There is an urgent requirement for effective alternatives to antibiotics in the fields of livestock production and human medicines. Many prebiotics and probiotics can effectively replace antibiotics for killing pathogens effectively and enhancing immune functions of the host, and they are cannot easily produce drug-resistance genes. However, the potential mechanisms of prebiotics and probiotics are vague. It is very important to distinguish the specific effects of different probiotics and prebiotics on the intestinal barrier. Meanwhile, it would be reasonable and feasible to prevent or cure clinical disease using the compatibility of different prebiotics and probiotics. Relevant research exploring how to combine different prebiotics and probiotics to achieve maximum beneficial effect should be carried out. The objective of this proposed Special Issue on “Probiotics, Prebiotics, Postbiotics and Intestinal Barrier Function” is to publish meaningful papers detailing nutritional aspects of probiotics and prebiotics.

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### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2022)



## Nutrients

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**Impact Factor 5.0**  
**CiteScore 9.1**  
**Indexed in PubMed**



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### Message from the Editorial Board

*Nutrients* is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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