



## Applied Microbiology in Food Technology

Guest Editors:

**Dr. Ester Betoret**

Instituto de Agroquímica y  
Tecnología de Alimentos,  
Consejo Superior de  
Investigaciones Científicas, 46980  
Paterna, Spain

**Prof. Dr. Noelia Betoret**

Instituto Universitario de  
Ingeniería de Alimentos para el  
Desarrollo, Universitat  
Politécnica de València, 46022  
Valencia, Spain

Deadline for manuscript  
submissions:

**closed (20 February 2022)**

### Message from the Guest Editors

Dear Colleagues,

Probiotic foods can help to prevent or improve the treatment of physiological disorders (digestive, immune, metabolic, etc.), and they also represent a potential alternative strategy to fight excessive use of antibiotics which can produce antibiotic resistances and result in a high cost.

Foods are mostly complex mixtures of macro- and microcomponents organized in a structure that can trap active compounds, modulating their release or inhibiting their activity.

This Special Issue focuses on research studies devoted to studying the effect of food technologies on probiotic microorganisms incorporated into a food matrix (liquid, solid or foam). Scientific or review papers addressed at determining the bioaccessibility of probiotic microorganisms after food processing or storage are welcome. Studies to elucidate, via in depth analysis, the interactions among ingredients during fermentation and processing, the determination of the functional properties of the probiotic microorganisms, and their interplay through gastrointestinal passage are topics of special interest.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (Fluid Flow and Transfer Processes)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)