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Fermented Foods and Beverages in “The New Genetic Era”

Guest Editors:

**Prof. Dr. Pier Sandro
Cocconcelli**

Dr. Graciela M. Vignolo

Dr. Cecilia Fontana

Dr. Daniela Bassi

Deadline for manuscript
submissions:

closed (31 March 2019)

Message from the Guest Editors

Fermentation is considered a good method to extend the shelf life of highly-perishable foodstuffs. Although many fermented products are produced at the industrial scale, there are lesser-known fermented foods with recipes that are transmitted as a cultural heritage, and that are still produced in an artisanal way.

The traits of fermented foods are due to the microbial populations responsible for the biochemical and physicochemical transformations during the fermentation and ripening. This topic is a growing area of interest with respect to the genomics and molecular biology of microbial food fermentations.

Developing molecular tools and next-generation sequencing technologies has helped to better understand the mechanisms by which these microorganisms adapt to the specific environment. Additionally, the genetic insights of bacteria from fermented foods represent a resource of biodiversity and evolution.

In this Special Issue, we aim to publish review and original research papers that address molecular tools, population genetic, taxonomy and functional genomic methods that highlight innovative knowledge in the field of fermented foods and beverages.



mdpi.com/si/18299

Special Issue



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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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