



## Effects of Beta Glucan As Natural Immunomodulator

Guest Editor:

**Dr. Luca Vannucci**

President of the Czech  
Immunological Society, Head of  
the Laboratory of  
Immunotherapy Institute of  
Microbiology v.v.i. Czech  
Academy of Sciences, Videnska  
1083, 142 20 Prague 4, Czech  
Republic

Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### Message from the Guest Editor

Dear Colleagues,

$\beta$ -glucans are naturally occurring polysaccharides that are produced by bacteria, yeast, fungi, and many plants. In the last decade, extensive research by numerous scientific groups has helped to reveal the extraordinary effects that beta glucan exerts on various physiological and pathophysiological processes in our body. Evidence about their ‘health’ potential and crucial roles in the human body are accumulating. This Special Issue aims to identify and review the effects of  $\beta$ -glucans as natural immunomodulators.

Dr. Luca Vannucci  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

## Author Benefits

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

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

## Contact Us

---

*Molecules* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](#)