



an Open Access Journal by MDPI

Research on Bioactive Compounds in Milk

Guest Editors:

Dr. Sercan Karav

Department of Molecular Biology and Genetics, Çanakkale Onsekiz Mart University, 17100 Canakkale, Turkey

Dr. Juliana Maria Leite Nobrega De Moura Bell

Department of Food Science and Technology, University of California, One Shields Avenue, Davis, CA 95616, USA

Prof. Dr. Yonca Karagül-Yüceer

Department of Food Engineering, Engineering Faculty, Çanakkale Onsekiz Mart University, 17020 Çanakkale, Turkey

Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editors

Dear Colleagues,

Milk contains a wide variety of nutrients, including vitamins, minerals, lipids, proteins, and carbohydrates. The capacity of milk to offer a natural and diverse source of bioactive compounds that may address various human health issues is what makes milk therapy significant. Current research indicates a promising path toward improving human health and well-being, but additional research is required to fully understand the extent of milk therapeutics. Multidisciplinary approaches connected with innovative techniques provide a comprehensive view of bioactive chemicals in milk, such as sensory, biochemical physicochemical, bioavailability, efficacy, and safety analysis.

Articles in this Special Issue will cover topics such as how milk affects immunological function, the possible mechanisms of action of chemicals, and recent developments in using milk components for therapeutic interventions. We invite researchers to submit their latest studies, promoting a better understanding of the therapeutic landscape that milk provides.

Dr. Sercan Karav

Dr. Juliana Maria Leite Nobrega De Moura Bell

Prof. Dr. Yonca Karagül-Yüceer

Guest Editors



mdpi.com/si/195241

Special Issue



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 experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all 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 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)