



Novel Findings and Insights into Dietary Proteins and Bioactive Peptides in Gastrointestinal Diseases

Guest Editors:

Dr. Blanca Hernández-Ledesma

Instituto de Investigación en
Ciencias de la Alimentación
(CIAL), Consejo Superior de
Investigaciones Científicas (CSIC).
c/ Nicolás Cabrera 9, 28049
Madrid, Spain

Dr. Samuel Fernández-Tomé

Hospital Universitario de La
Princesa, Instituto de
Investigación Sanitaria Princesa
(IIS-IP), Centro de Investigación
Biomédica en Red de
Enfermedades Hepáticas y
Digestivas (CIBERehd), Madrid,
Spain

Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editors

The gastrointestinal tract represents the main interface for the interaction between dietary compounds and the organism. Precise control of gastrointestinal barrier is essential to maintain digestive functions and mucosal homeostasis, while alterations on these key regulatory mechanisms may lead to gastrointestinal disorders. Among dietary compounds, food proteins and released peptides have acquired recent importance as nutraceutical and active components in functional foods, due to their regulatory functions and health-promoting benefits.

This Special Issue aims to cover a selection of recent research papers, reviews, as well as perspectives in the role of dietary proteins and bioactive peptides operating against gastrointestinal diseases. In particular, this Special Issue will highlight not only manuscripts from animal and human trials focused on evaluating the ability of bioactive peptides to endorse digestive health and prevent gastrointestinal disorders, but also in vitro or ex vivo studies aimed at elucidating the potential molecular mechanisms underlying these health-promoting effects.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI