



Peptides as Biochemical Tools and Modulators of Biological Activity

Guest Editor:

Dr. Annamaria Aloisio

Department of Experimental and
Clinical Medicine, University
"Magna Græcia", 88100
Catanzaro, Italy

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

This Special Issue will focus on the selection, identification and functional/biochemical characterization of peptides for studying or modulating peptide–protein interactions in stem cell research and in different cancer types. Peptides with high binding affinity and specificity for a disease-associated protein, being mainly expressed on the cell surface, are commonly used as biochemical tools for targeting, diagnosis and monitoring in different contexts.

Led by Dr. Annamaria Aloisio, who is assisted by our Topical Advisory Panel Member Dr. Nancy Nisticò (University "Magna Græcia" of Catanzaro), this Special Issue focuses on the identification and characterization of natural or synthetic peptides showing modulated biological activities (antibacterial, antiviral, immunomodulatory and anticancer properties) with potential applications in tissue regeneration and targeted drug delivery strategies. Original research articles and reviews on these and related topics are welcome for this Special Issue.





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