

Special Issue

Bioactive Peptides: Discovery, Synthesis, and Therapeutic Applications

Message from the Guest Editor

This Special Issue welcomes manuscripts that explore peptide discovery strategies, innovative therapeutic targets, delivery systems, and translational studies, as well as peptide-based diagnostics, drug design, and disease models. Suitable topics: identification and characterization of novel bioactive peptides from natural sources; synthetic and engineered peptides for therapeutic applications; structure–activity relationships and molecular mechanisms of bioactive peptides; antioxidant, anti-inflammatory, antimicrobial, and antiviral peptides; peptide-based therapeutics for cancer, cardiovascular, metabolic, and neurodegenerative diseases; bone health and musculoskeletal applications of peptides; peptide modulators of immune response and inflammation; peptide-based strategies for wound healing and tissue regeneration; peptide delivery systems: nanocarriers, hydrogels, and conjugates for improved stability and bioavailability; computational approaches, peptide design, and high-throughput screening methods; translational studies and clinical applications of bioactive peptides; peptide biomarkers for disease diagnosis and monitoring.

Guest Editor

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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.

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