

Special Issue

Medical Applications of Bioactive Peptides

Message from the Guest Editors

Bioactive peptides have sparked substantial interest due to their potency, selectivity, and low toxicity and are now considered an emerging therapeutic option. Chemical modifications, along with the use of delivery platforms, have contributed to address their most critical pharmacokinetic issues and increased their applications in medical fields. Therefore, this Special Issue will be devoted to topics and advances in the design, synthesis, and pharmacological investigations of peptide-based molecules aimed at challenging pathological conditions such as cancer, infectious diseases, inflammation, diabetes, neurodegenerative, and cardiovascular diseases. The identification and characterization of novel bioactive peptides, the elucidation of their mechanism of action and the use of chemical strategies to improve their drug-like properties are within the scopes. As well as the use of bioactive peptides as molecular probes and diagnostic tools, and their targeted delivery are also welcome.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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