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Medical Applications of Bioactive Peptides

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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.

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Special Issue



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Message from the Editor-in-Chief

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