

Special Issue

Synthesis, Modification and Biomedical Potential of Peptides and Peptoids

Message from the Guest Editor

Since the research and development of peptide compounds, they have been widely used in medicine, health care, food, cosmetics, biological materials and other fields. Compared with traditional chemical drugs, peptide compounds have the advantages of high biological activity, a good affinity with receptors and rarely accumulate in the body. Thus, peptide compounds have a wide range of application prospects in the medical field, and have become the key direction of new drug research and development both at home and abroad. The purpose of this research is to elucidate the synthesis and optimization strategies of peptide/peptoid drugs, provide a theoretical basis for the development of new peptide/peptoid drugs, and elaborate the antibacterial mechanism of peptide/peptoid drugs and their biomedical applications.

https://www.mdpi.com/journal/molecules/special_issue/s/FZR7MJZB11

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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