

Special Issue

Peptides and Peptide Mimetics: Potential Tools for Therapy

Message from the Guest Editor

Biomedical research is constantly oriented toward the development of new therapeutics based on peptides. Peptides have been widely investigated across the therapeutic spectrum and successfully developed as drugs, vaccines, and cosmeceuticals, providing treatment for diabetes, endocrine disorders, cancer, Alzheimer's disease, cardiovascular disease, and many more. The increase in the generation of peptidomimetics, as well as the maturity of peptide synthesis technology, have managed to help to overcome the limitations of peptide drugs and highlight their attractive pharmacokinetics profile. Moreover, interest in larger peptidomimetics is growing, especially with a view to developing novel antimicrobial therapeutics and to identifying bioactive compounds addressing protein–protein interactions. Therefore, we invite investigators to contribute original research articles as well as review articles in the following potential topics:

- Biopharmaceutical issues for peptide administration;
- Chemical modification of the peptides;
- Antimicrobial peptides;
- Anticancer peptides;
- Neuropeptides;
- Peptides as targeting moieties;
- Molecular modeling.

Guest Editor

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