



Cyclic Peptide Analogues and Non-peptide Mimetics

Guest Editor:

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Message from the Guest Editor

The growing interest in peptide-based drugs in medicinal research provides many opportunities for the development of cyclic peptides and non-peptide mimetics aiming for the treatment of several diseases. Peptide cyclization and peptidomimetics restrict the conformational flexibility of their linear counterparts, and result in increased metabolic stability and receptor selectivity, therefore providing a better pharmacological profile. The knowledge of the bioactive conformation of linear peptides in combination with structure activity relations studies (SARs) are the main tools for the "structure-based design" and development of potent cyclic peptides and non-peptide mimetics.

The principal goal of this Special Issue is to provide the scientific community with novel approaches and directions in the field of rational drug design and medicinal chemistry, using cyclic peptides and non-peptide mimetics. I cordially invite researchers working in this field to join this Issue and submit original research articles, short communications, and review articles.





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Message from the Editor-in-Chief

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