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Multitarget Drug Discovery and Pharmacology

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Message from the Guest Editor

The lack of efficiency of traditional drug therapies has stimulated pharmacological research for searching alternative approaches; as a result, the multi-target-directed ligands approach (MTDL) recently emerged with the aim of overcoming these limitations; in this approach, small molecules are capable of simultaneously modulating several relevant therapeutic targets of a certain disease. Interest in MTDLs is experiencing a continuous increase, supported by the number of scientific publications on this topic, together with the fact that numerous drugs with a multitarget mode of action have already been approved by FDA.

The aim of this Special Issue is to provide an overview of recent pharmacological research of MTDLs against multifactorial diseases; topics will include but are not limited to cancer, Alzheimer's, Parkinson, diabetes, and infectious diseases.



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Special Issue



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Message from the Editor-in-Chief

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