



Computational Intelligence (CI) Tools in Applications of Pharmaceutics

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Message from the Guest Editors

The demand for new drugs has increased in recent decades. Therefore, the discovery and development of new drugs and their pharmaceutical forms should be fast and efficient, while maintaining high quality. This may require the use of computational intelligence (CI) tools. CI usually refers to a program that is able to solve complex problems without any prior knowledge of a phenomenon, by learning from data or experimental observations. Computers currently surpass the human brain in terms of data processing, and, if properly designed, computer programs could significantly accelerate the development of new drugs. Moreover, CI tools could help to discover complex and sometimes unobvious interactions between drugs and biological targets.

This Special Issue seeks to gather novel and interesting scientific research findings regarding the application of computational intelligence tools in drug discovery and development. The focus will be on research articles and reviews on drug dosage forms and novel substances whose development is motivated by computational intelligence tools. Studies on other technological and pharmaceutical aspects of computer-aided drug design will also be welcome.





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Message from the Editor-in-Chief

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