Special Issue

Drug Discovery and Delivery in Medicinal Chemistry

Message from the Guest Editors

We are pleased to announce the Special Issue dedicated to drug discovery and delivery and their applications in Medicinal Chemistry. Developing drug molecules and delivery methods is a key aspect of modern medicine, requiring an interdisciplinary approach that includes chemistry, biology, pharmacology, and nanotechnology. Significant challenges remain in the area of the discovery of new drugs and their optimal delivery to biological targets. This Special Issue aims to gather original research and review articles focused on innovations in drug discovery and the development of effective drug delivery systems. Particular attention will be given to novel approaches in drug design, including the use of artificial intelligence and machine learning, as well as advances in targeted delivery carriers, such as liposomes, nanoparticles, and polymeric materials. We welcome contributions that explore these aspects from both fundamental and applied perspectives, as well as studies aimed at improving the bioavailability, stability, and therapeutic efficacy of contemporary pharmaceuticals.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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