

Special Issue

Advanced Methods and Technologies in Drug Discovery

Message from the Guest Editors

Drug discovery is a constantly evolving field with the goal of identifying novel therapeutic agents for a wide range of diseases with unmet medical needs. The process of drug discovery and development is complex and costly and includes various chemical and pharmaceutical strategies. These can even include serendipitous discovery, high-throughput screening of target molecule libraries, selective optimization of existing drugs or natural products, repurposing of known drugs, rational drug design, or the synthesis of new molecular entities based on information derived from crystal structures or in silico modeling techniques (QSAR). The process constantly evolves, with new technologies opening new and unprecedented entrance points. In this Special Issue, "*Advanced Methods and Technologies in Drug Discovery*", we aim to focus on the most recent and most significant technical advancements in the field of drug discovery. *Methods and Protocols* aims to predominantly attract the submission of high-quality protocols, reviews, and original articles in the scope of this topic.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Methods and Protocols (ISSN 2409-9279) is an open access journal devoted to the publication of new procedural approaches and cutting-edge methodological developments. The ultimate objective of this new forum of scientific communication is to provide researchers with an indispensable tool, enabling better use of the latest scientific technologies. With a broad and totally interdisciplinary focus, *Methods and Protocols* was established with the objective of facilitating cross-fertilization and cross-talk in the scientific arena. Methods and protocols in Life Sciences, Chemistry, Biomedical Sciences, Engineering, and in their intersections such as Biotechnology and Nanotechnology will constitute the core of the journal. However, we anticipate that other fundamental disciplines such as Physics or Geology will be rapidly incorporated.

Editor-in-Chief

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