

Special Issue

Early-Stage Drug Discovery: Advances and Challenges

Message from the Guest Editor

Developing a new drug from an original hit to the launch of an approved product is a complex process which can take 12–15 years and cost in excess of USD 1–2 billion. A breakthrough in structure-based design is certainly a recent development of the deep-learning approach AlphaFold for the 3D structure prediction of new proteins. However, the development of numerous biophysical and functional assay methods could also help to drive the selection of suitable targets and lead compounds. The purpose of this Special Issue is to present current efforts in medicinal chemistry and early drug discovery. Original research articles, review articles, and short communications within (but not limited to) the research areas described are welcome.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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