

Special Issue

Potential Drug Discovery and Development

Message from the Guest Editor

Drug discovery and development require a lengthy and exhausting screening of compounds potentially acting as modulators of a therapeutic target. This Special Issue will include reviews and research articles on the topic "Potential Drug Discovery and Development", focusing on proteins/enzymes as therapeutic targets, which could be involved in the onset and development of a specific human disease or infection. Reviews included in this Special Issue will present the state of the art of in vitro and/or in silico high-efficiency drug screening methods used to identify chemicals or natural compounds capable of effectively interacting with a therapeutic target in order to develop a drug suitable for clinical trials. Research articles will describe new strategies used in drug discovery, design and synthesis of new chemical entities, or identification of new natural compounds, reporting also the characterization of their action on purified protein/enzyme targets and/or in whole cells and animal models. Please, send me an abstract prior to submission to make sure that your work falls within the scope of this Special Issue.

Guest Editor

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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