

Special Issue

Natural and Semi-Synthetic Small Molecules in Drug Discovery 2.0

Message from the Guest Editor

Small molecules continue to be the most relevant set of therapeutic options for most human pathologies. The process of drug discovery is complex and can arise from several strategies; however, naturally occurring molecules are still one of the most prolific sources of new chemical entities with applications in human health. However, these molecules can frequently be upgraded or enhanced in their potency and selectivity by conducting structural changes. For this reason, derivatives obtained by hemi-synthesis are also pivotal players in the process of drug discovery and development. This Special Issue will focus on the process of drug discovery from naturally occurring bioactive small molecules and their hemi-synthetic derivatives. Several diseases will be addressed, including but not limited to cancer, as well as inflammatory, neurodegenerative, and metabolic diseases.

Guest Editor

Prof. Dr. David M. Pereira

Laboratory of Pharmacognosy, Faculty of Pharmacy, University of Porto, Porto, Portugal

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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