Special Issue

Advance in Drug-Drug Interactions

Message from the Guest Editors

Drug interactions occur when one drug interacts with another. The outcomes of these interactions can lead to adverse side effects and result in the altered activity of one or both drugs. Drug-drug interactions can occur at either pharmacokinetic or pharmacodynamic levels. Polytherapy is one of the major causes of drug-drug interactions in developing countries. Understanding the properties of adverse drug reactions (ADRs) gives a clear indication for the quantification of the side effects of a prospective drug and a good knowledge of the pathogenic pathways involved during the interaction. At present, adverse drug reactions seem to be the main obstacle in clinical trials, slowing down the recovery of patients in hospitals. This Special Issue on "Advances in Drug-Drug interactions" aims to provide a summary of the novel drugs inhibition or induction with other marketed drugs with an emphasis on their pharmacokinetic parameters. This Special Issue will publish original research articles as well as reviews, including aspects of current understanding the inhibition and induction process of the novel drugs and their effectiveness in clinical trials.

Guest Editors

Dr. Hassan Salhab

Department of Chemical and Pharmaceutical Sciences, School of Life Sciences, Pharmacy and Chemistry, Kingston University, Kingston upon Thames, London KT1 2EE, UK

Prof. Dr. James Barker

Department of Chemical and Pharmaceutical Sciences, School of Life Sciences, Pharmacy and Chemistry, Kingston University, Kingston upon Thames, London KT1 2EE, UK

Deadline for manuscript submissions

closed (31 December 2020)



International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/50606

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijms@mdpi.com

mdpi.com/journal/ ijms





International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

