

Special Issue

Advance in Drug-Drug Interactions 2.0

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

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

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

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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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