

Special Issue

Drug–Drug Interactions—New Approaches and Perspectives

Message from the Guest Editor

Drug–drug interactions represent a crucial factor affecting pharmacotherapeutic success. To evaluate drug–drug interaction in a clinical context, healthcare specialists can use multiple online tools to check drug interactions. However, in practice, they may obtain contradicting results for the same drug combination. Extensive wet-lab experiments to screen all potential drug–drug interactions will address the information uncertainty in many online check tools. Unfortunately, such an approach would be unfeasible, as covering the entailed search space requires enormous resources. This situation calls for computational methods to predict drug–drug interactions; such tools would substantially narrow the wet-lab experiments search space. This Special Issue calls for papers presenting multiple aspects of drug interactions relevant to their assessment: mechanisms, evaluation of the clinical relevance, prediction algorithms, electronic alert systems, and the Internet of Medical Things (IoMT) applied in the clinical evaluation of drug–drug and drug–disease interactions.

Guest Editor

Dr. Lucreția Udrescu

Department I—Drug Analysis, “Victor Babeș” University of Medicine and Pharmacy Timișoara, 300041 Timișoara, Romania

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Pharmaceutics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

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