



In Silico Strategies for Prospective Drug Repositionings

Guest Editors:

Dr. Lucreția Udrescu

Prof. Dr. Ludovic Kurunczi

Prof. Dr. Paul Bogdan

Prof. Dr. Mihai Udrescu

Deadline for manuscript
submissions:

closed (20 May 2022)

Message from the Guest Editors

Dear Colleagues,

The conventional drug discovery procedure is chronophagous and seldom successful; furthermore, new drugs are needed to address the clinical challenges we face. Within this framework, drug repositioning becomes a worthy drug discovery strategy.

Recent drug discovery techniques combine traditional tools with in silico strategies to identify previously unaccounted properties for drugs already in use. Indeed, big data exploration techniques capitalize on the ever-growing knowledge of drugs' structural and physicochemical properties, the drug–target and drug–drug interactions, and the latest discoveries in molecular and cellular biology.

We welcome papers presenting innovative methods that connect traditional drug discovery techniques with computer-based tools to deliver robust drug repurposing hints. We do not necessarily require in vitro or in vivo validation of such hints; however, the authors need to perform cross-validation with existing knowledge or other state-of-the-art drug repurposing pipelines.

Dr. Lucreția Udrescu
Prof. Ludovic Kurunczi
Prof. Paul Bogdan
Prof. Mihai Udrescu
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

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, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

Contact Us

Pharmaceutics
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
[@MDPIpharma](https://twitter.com/MDPIpharma)