

Special Issue

Development and Evaluation of Inhalable Dry Powder Formulations

Message from the Guest Editors

Respiratory drug delivery is an important route for the administration of treatment and prevention of diseases of the respiratory tract (nasal and pulmonary regions), and for delivering drugs non-invasively to the central nervous system (CNS). Pulmonary drug delivery has recently gained a significant importance in the therapeutic field due to the various advantages, such as pain-free administration, targeted drug delivery with minimum systemic exposure, rapid onset of action, reduced enzymatic degradation, high drug-concentrations in the lungs, and avoidance of hepatic first-pass metabolism compared to the other conventional routes of administration. Formulations including biologicals have shown an increased stability when they are in solid-state rather than liquid formulations, making dry powder inhalers (DPIs) the more preferred formulation for pulmonary drug delivery. This Special Issue focuses on the design and development of innovative dry powder formulations as inhalation aerosols by the lung and nasal routes of administration.

Guest Editors

Prof. Dr. Heidi M. Mansour

The University of Arizona College of Pharmacy and College of Medicine,
Tucson, AZ, USA

Dr. Basanth Babu Eedara

Transpire Bio Inc., Weston, FL, USA

Deadline for manuscript submissions

closed (28 February 2023)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/118334

Pharmaceutics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceutics@mdpi.com

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





Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceuticals and biopharmaceuticals. 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.

Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).