

## Special Issue

# Advances in Pulmonary Drug Delivery, Volume II

### Message from the Guest Editors

Drug delivery to the lungs by oral inhalation represents an attractive non-invasive administration route for therapeutics. In addition to locally acting drugs, molecules that are intended to produce a systemic effect can be delivered via the pulmonary route. Pulmonary delivery requires the patient to inhale an aerosol of the therapeutics agent. For the successful delivery via oral inhalation, formulation into an appropriate inhalable dosage form with a sufficient stability is critical. It is also essential that the formulation is paired with a device, which generates an aerosol of the appropriate particle/droplet size to ensure deposition into the desired regions of the respiratory tract. This Special Issue attempts to highlight current research activities in the areas of inhaler device development; formulation development approaches for inhaled drugs; in vitro and in silico models of pulmonary drug deposition and drug disposition; and advanced delivery options for complex drugs, such as vaccines, antibiotics, nucleic acids, or peptides, to or via the lungs.

### Guest Editors

Prof. Dr. Carsten Ehrhardt

School of Pharmacy and Pharmaceutical Sciences, Trinity College  
Dublin, Dublin 2, Ireland

Dr. Ayca Yildiz-Pekoz

Department of Pharmaceutical Technology, Faculty of Pharmacy,  
Istanbul University, Beyazit, Istanbul 34116, Turkey

### Deadline for manuscript submissions

closed (31 July 2022)



## Pharmaceutics

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Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)

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### Editor-in-Chief

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

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