

Special Issue

Maximising Drug Delivery for Improved Pharmacokinetics and Pharmacodynamics

Message from the Guest Editors

The pharmaceutical industry is challenged by the poor bioavailability of a large portion of approved and pipeline drugs. Various reasons exist for the poor systemic delivery of these drugs, which include low aqueous solubility, inadequate membrane permeability, high pre-systemic metabolism, susceptibility to absorption barriers such as efflux transporters, and unfavourable physico-chemical properties. Innovative approaches have been employed by scientists to overcome drug delivery challenges in order to maximise bioavailability. This Special Issue of the journal *Pharmaceuticals* aims at publishing original research and review articles on topics related to the facilitation of drug delivery in order to maximise bioavailability. The following topics form part of the scope of this Special Issue:

- Formulation and dosage form design;
- Alternative routes of drug administration;
- Targeted drug delivery;
- Chemical strategies;
- Physical strategies.

Guest Editors

Prof. Dr. Sias Hamman
Prof. Dr. Dewald Steyn
Dr. Marius Brits

Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

Pharmaceuticals is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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