Special Issue

Recent Advances on Acoustic, Ultrasonic, and Magnetic Drug Delivery

Message from the Guest Editors

Acoustic and magnetic drug delivery techniques are two novel active drug delivery approaches. The use of acoustics in biomedical practices has been expanded from diagnostic applications to non-invasive drug delivery. The use of acoustics in drug delivery procedures can be divided into two categories: ultrasonic-enhanced drug delivery (known as highintensity focused ultrasound (HIFU)) and low-frequency acoustic drug delivery (ADD). The journal Pharmaceuticals invites both reviews and original articles that shed light on the challenges and opportunities of using the magnetic field, acoustic wave, and pulsating flow in drug delivery enhancement as well as in the diagnosis of various diseases. Topics include but are not limited to: Targeted Drug delivery, Acoustic Drug Delivery, Magnetic drug targeting, Pulsating Flow, high-intensity focused ultrasound (HIFU), Acoustic Rhinometry, etc.

Guest Editors

Dr. Oveis Pourmehran

Adelaide Medical School, The University of Adelaide, North Terrace, Adelaide, SA 5005, Australia

Dr. Ali Farnoud

Institute of Computational Biology, Helmholtz Zentrum München, 85764 Munich, Germany

Deadline for manuscript submissions

closed (25 January 2024)



Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/99232

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

mdpi.com/journal/ pharmaceuticals





Pharmaceutica

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



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*.

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

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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 and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

