# **Special Issue**

# Ultrasound-Mediated Drug Delivery

# Message from the Guest Editor

The targeted delivery of pharmaceutical and biological agents to a tissue-of-interest is crucial for desired interventional outcomes; therefore, it is sought after as a subject of intense investigation by medical and scientific communities. Decades of research have revealed that mechanical and thermal energy of ultrasound, delivered to biological tissue in a region-specific and directional fashion, can be gainfully used to enhance the drug delivery. Combined with breakthroughs in acoustic physics/engineering and the advent of novel drug carriers, application of ultrasound, either in non-focused or focused form, provides more options in targeted drug delivery. To promote the exchange and dissemination of these exciting areas of research, we solicit manuscripts addressing how ultrasound can be used to enhance drug delivery, covering a wide range of research stages, spanning from basic bench science to translational and clinical studies. Examples of research include, but are not limited to, the development of novel ultrasound techniques, the testing of new delivery vehicles, and the utilization of ultrasound with existing pharmaceuticals.

# **Guest Editor**

Dr. Seung-Schik Yoo

Department of Radiology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA 02115, USA

# Deadline for manuscript submissions

closed (31 December 2023)



# **Pharmaceutics**

an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



mdpi.com/si/112920

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

mdpi.com/journal/pharmaceutics





an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



# **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 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.

#### Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, 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).

