

Topical Collection

Advanced Pharmaceutical Science and Technology in Japan

Message from the Collection Editors

Japanese researchers are dedicated to promoting advancements in pharmaceutical sciences and technology. Hence, Japan continues to have significant impact on the research field. In addition, recent notable progress on pharmaceutical applications of nanomaterials and nanotechnology have been made, in particular, the drug delivery of macromolecules, including RNAs (e.g., siRNAs, miRNAs, antisense oligonucleotides, and mRNAs), DNAs, proteins, and peptides as well as small molecule drugs. This topical collection will highlight the research within pharmaceutical sciences and technology that is currently ongoing in Japan, both within academic and industrial institutions, especially in the following pioneering topics: novel formulation design, drug delivery, polymer science, material science, pharmacokinetics, drug metabolism, drug transport, manufacturing science, and biotechnology. In doing so, we wish to share and extend upon the pharmaceutical expertise and advancements in pharmaceutical sciences in Japan. This will be achieved by presenting a topical collection of research papers and review articles covering the recent progress and achievements in high-end pharmaceutical science.

Collection Editors

Dr. Yusuke Sato

Laboratory for Molecular Design of Pharmaceutics, Faculty of Pharmaceutical Sciences, Hokkaido University, Kita-12, Nishi-6, Kita-Ku, Sapporo 060-0812, Japan

Prof. Dr. Yoshinobu Takakura

Department of Biopharmaceutics and Drug Metabolism, Graduate School of Pharmaceutical Sciences, Kyoto University, Kyoto 606-8501, Japan



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/58203

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

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, CAPIus / 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 15.7 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).