

Special Issue

New Paradigm of Gene Therapy

Message from the Guest Editor

Gene therapy is defined as introducing genetic information for therapeutic purposes. Besides conventional usage, such as protein-replacement therapies, in many medical fields, the applications have been widely expanding from vaccination against infectious diseases or cancer, and “gene” editing using the cutting-edge technologies of ZFN, TALENs, and CRISPR–Cas9. Cell therapy combined with ex vivo gene introduction is also an exciting field. The Special Issue of *Pharmaceutics* on “New paradigm of gene therapy” will address diverse areas related to gene therapy, including nucleic acids preparation (DNA, RNA), delivery systems, administration technique, and proof-of-concept studies using animal models. Original research papers or review articles on any of these aspects are welcomed for this Special Issue. Keiji Itaka

Guest Editor

Prof. Dr. Keiji Itaka

1. Department of Biofunction Research, Institute of Biomaterials and Bioengineering, Institute of Science Tokyo (TMDU), 2-3-10 Kanda-Surugadai, Tokyo 101-0062, Japan
2. Clinical Biotechnology Team, Center for Infectious Disease Education and Research (CiDER), Osaka University, 1-1 Yamadaoka, Suita, Osaka 565-0871, Japan

Deadline for manuscript submissions

closed (31 May 2015)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/4113

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).