



Nanopharmaceuticals for Image-Guided Cancer Therapy and Diagnosis

Guest Editors:

Prof. Dr. Dong-Hyun Kim

Department of Radiology,
Northwestern University
Feinberg, School of Medicine,
Chicago, IL 60611, USA

Prof. Dr. Wooram Park

Department of Biomedical-
Chemical Engineering, The
Catholic University of Korea,
Gyeonggi-do 14662, Republic of
Korea

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

Image-guided medicine is rapidly growing to improve treatment regimens as a result of advancing medical imaging techniques. One of the emerging fields in this regard is image-guided cancer therapy using various nanopharmaceuticals. The careful design of multifunctional imaging/therapeutic nanomaterials with therapeutic agents will be critical for the translational optimization of these new techniques.

The purpose of this Special Issue is to collect cutting-edge research into image-guided nanopharmaceutical technologies from leading scientists in order to promote new opportunities and perspectives for nanotechnology in human healthcare. Topics include but not limited to:

Micro/Nano Pharmaceutics for Multifunctional Imaging and Therapy

Smart Nanomaterials for Biomedical Applications

Noble Organic/Inorganic Hybrid Nanoparticles for Image-Guided Pharmaceutics

Magnetic Nanoparticle-Mediated Local Image-Guided Therapy

Nano Radiosensitizers for Brachytherapy

Stimuli-Responsive Polymeric Materials for Photodynamic/Photothermal Therapy

Novel Nanopharmaceuticals for Cancer Immunotherapy

Prof. Dong-Hyun Kim

Prof. Wooram Park

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

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.

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 & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

Contact Us

Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma