



Gold Nanoparticles for Biomedical Application

Guest Editor:

Dr. Luca Boselli

Nanobiointeractions and
Nanodiagnostics, Istituto Italiano
di Tecnologia, Via Morego 30,
16163 Genova, Italy

Deadline for manuscript
submissions:

closed (20 February 2023)

Message from the Guest Editor

Dear Colleagues,

Gold nanoparticles present a unique size and shape-dependent optical, catalytic, magnetic, and biological properties, which can be widely exploited in nanomedicine, from therapeutics to imaging, biosensing, and diagnostics.

This Special Issue highlights the advances and challenges of gold nanoparticle-based systems for biomedical applications, including findings on new properties, particular advances concerning fundamental studies (bionano-interactions), new synthetic methods improving their use in biology (i.e., bioconjugation, surfactant-free, controlled scale-up, etc.), in vitro/in vivo translational studies, new mechanisms for colorimetric sensing, and portable diagnostic devices. Original works as well as review articles focusing on these topics are invited.

Dr. Luca Boselli

Guest Editor





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