

Special Issue

New Synthesis Strategies of Nanoparticles and Applications in Drug Delivery

Message from the Guest Editors

After two to three decades where various hypotheses and strategies were proposed and tested, most of which failed when facing industrial scale-up or real clinical usefulness, applications of technological approaches and platforms using nano-scaled systems (nanomedicine) are progressively assuming value in medicine as well as in clinical practice. This Special Issue is aimed at collecting relevant and high-level experimental studies on the new biomaterials and matrices that are able to produce nanosystems and nanodevices for the controlled release and targeting of drugs and other bioactive compounds. Moreover, particular attention will be devoted to “green nanomedicine”, as well as to bio-inspired, bioengineered, and biomimetic drug delivery carriers (such as virosomes, biohybrid drug delivery systems, bioengineered bacterial outer membrane vesicles, etc.). Finally, research incorporating preclinical or clinical results will certainly be of great interest.

Guest Editors

Dr. Pio Maria Furneri

Dr. Virginia Fuochi

Prof. Dr. Rosario Pignatello

Deadline for manuscript submissions

closed (28 February 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/25979

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

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)