



Advanced Nanotechnologies in Drug Delivery

Guest Editors:

Dr. Pio Maria Furneri

Dr. Virginia Fuochi

Prof. Dr. Rosario Pignatello

Prof. Dr. Angela Maria Amorini

Prof. Dr. Antonio Rescifina

Prof. Dr. Margherita Ferrante

Deadline for manuscript
submissions:
closed (10 July 2021)

Message from the Guest Editors

Dear Colleagues,

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, as well as to devise new systems to fight environmental contaminations of viruses, particularly human coronaviruses (SARS Cov, MERS, and new SARS COV 2) and animal coronaviruses. 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.); an interesting issue could also be the environmental application of antimicrobial coatings. Finally, research incorporating preclinical or clinical results will certainly be of great interest.

Prof. Dr. Pio Maria Furneri
Dr. Virginia Fuochi
Prof. Dr. Rosario Pignatello
Prof. Angela Maria Amorini
Prof. Dr. Antonio Rescifina
Prof. Dr. Margherita Ferrante
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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 Compindex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)