

Special Issue

Advanced Materials and Manufacturing for Biomedical Application

Message from the Guest Editor

Over the past few years, the development of nanomaterials, which enables advancements in medicine, has been gaining attention from the scientific community. One factor driving this interest is that nano/biomaterials exhibit novel and frequently increased properties when compared to traditional materials, which improves their innovation potential. The application of nano/biomaterials in medicine offers numerous ground-breaking prospects in the fields of drug delivery, tissue engineering, biointerfaces, and biosensors. This Special Issue is open to scientists who would like to publish their innovative research work in regard to using advanced materials, along with manufacturing in order to broaden the global understanding of this topic. The synthesis, design, simulation, and characterization of new materials are also encouraged.

Guest Editor

Dr. Cristina Satriano

Head of Nano Hybrid BioInterfaces Lab (NHBIL), Department of Chemical Sciences, University of Catania, 95125 Catania, Italy

Deadline for manuscript submissions

closed (20 June 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/154804

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

mdpi.com/journal/

appls.c





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)