

Special Issue

Ecofriendly Nanocomposites for Biomedical Applications

Message from the Guest Editors

The applicability of ecofriendly polymer nanocomposites to biomedical applications is a rapidly emerging area of development. One area of intense research involves electrospinning for the production of bioresorbable nanofiber scaffolds for tissue engineering applications. Other areas concern hemodialysis membranes; diffusion-controlling membranes; membrane carriers for enzyme immobilization in biosensors; and coating materials for drugs and drug-releasing scaffolds. Particular topics covered in this issue include but not restricted to following:

- Bio-based polymer
- Biodegradable polymer
- Bio-nanoscale fillers
- Biocompatibility
- Biodegradability
- Scaffold

Guest Editors

Prof. Dr. Nadia Lotti

Department of Civil, Chemical, Environmental and Materials Engineering, University of Bologna, 40126 Bologna, Italy

Dr. Michelina Soccio

Department of Civil, Chemical, Environmental and Materials Engineering, University of Bologna, Via Terracini 28, 40131 Bologna, Italy

Deadline for manuscript submissions

closed (30 September 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/33928

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

mdpi.com/journal/

[appls](https://appls.mdpi.com)





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, CAPlus / SciFinder, and other databases.

Journal Rank:

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