

## Special Issue

# Advanced Nanotechnology in Bioencapsulation

### Message from the Guest Editor

In nanomedicine, the administration of a diagnostic or therapeutic agent always raises crucial concerns regarding safety and efficacy. Often, biomimetic techniques or the use of carriers allow to preserve the system integrity and to deliver it more effectively. Moreover, additional features are granted to such complex systems. In this framework, nanotechnology offers numerous possibilities both in bioencapsulation processes and in the composite morphological/functional characterization. This Special Issue focuses on the latest developments in the bioencapsulation topic, with particular attention to nanotechnology processes or novel nanomaterials exploited in biomedical applications, such as:

- Cell-based therapy
- Drug and gene delivery
- Nanoparticles-based theranostic
- Tissue engineering
- Vaccines development
- Biomarkers identification

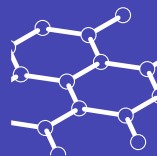
### Guest Editor

Dr. Riccardo Di Corato

CNR-IMM, Institute for Microelectronics and Microsystems, Via Monteroni, 73100 Lecce, Italy

### Deadline for manuscript submissions

closed (20 August 2022)



## Applied Nano

an Open Access Journal  
by MDPI

CiteScore 4.6



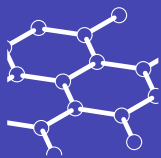
[mdpi.com/si/81965](https://mdpi.com/si/81965)

*Applied Nano*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applnano@mdpi.com](mailto:applnano@mdpi.com)

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

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





# Applied Nano

---

an Open Access Journal  
by MDPI

---

CiteScore 4.6



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Angelo Maria Taglietti  
Department of Chemistry, University of Pavia, I-27100 Pavia, Italy

---

#### Author Benefits

##### High Visibility:

indexed within Scopus and other databases.

##### Journal Rank:

CiteScore - Q2 (Materials Science (miscellaneous))

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 4.2 days (median values for papers published in this journal in the first half of 2025).