

## Special Issue

# Synthesis and Application of Microcapsules

### Message from the Guest Editor

This Special Issue is motivated by the observed increasing interest shown by various research groups in this field. Thus, considering your prominent contribution to this interesting research topic, I would like to cordially invite you to submit an article to this Special Issue. This Special Issue will publish full research papers, communications, and review articles. It will offer a global vision of researchers from universities, research centers, and industry worldwide working on microencapsulation and share the latest results in synthesis and characterization, as well as applications in basic and industrial processes. My goal is to collect comprehensive reviews from leading experts and up-to-date research from notable groups in the community, which will hopefully serve as a useful source of information for researchers. **Keywords:**

- Microencapsulation process and characterization
- Nanoencapsulation process and characterization
- Coating process of encapsulated materials
- Colloid and formulations
- Encapsulation in layer-by-layer polyelectrolyte films
- Sol-gel chemistry
- Emulsion-based processes
- Functional coating

---

### Guest Editor

Dr. Fabien Salaün  
GEMTEX Textile Research Laboratory, Roubaix, France

---

### Deadline for manuscript submissions

closed (21 August 2024)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/66066](https://mdpi.com/si/66066)

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

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