

## Special Issue

# Nanomaterials for Biomedical and Environmental Applications

### Message from the Guest Editor

Molecular engineering is opening up new possibilities for producing materials with tightly engineered applications. Using this approach, it is possible to obtain nanomaterials that are much more effective and precise than those obtained by classical wet chemistry methods.

Undoubtedly, the most important applications of nanomaterials, especially functional ones, are in the biomedical and environmental fields. Materials containing functional groups precisely located inside the nanostructure can effectively eliminate bacteria, reach specific tissues, and catalyze tissue regeneration processes.

This Special Issue focuses on nanomaterials and functional nanomaterials for biomedical and environmental applications. We will be accepting original research articles, comprehensive reviews, and new communications on the synthesis, study, and applications of such materials in bacterial eradication, tissue healing, anticancer therapies, and environmental protection in the broadest sense, focusing on water and soil remediation. However, we are also open to interesting articles from outside this field.

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### Guest Editor

Prof. Dr. Łukasz Laskowski

Henryk Niewodniczanski Institute of Nuclear Physics of the Polish Academy of Sciences, Krakow, Poland

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### Deadline for manuscript submissions

closed (20 July 2025)



## International Journal of Molecular Sciences

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

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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