

Special Issue

Advanced Materials for Bio-Related Applications

Message from the Guest Editors

On behalf of the Organizing Committees of the 1st International Conference on Advanced Materials for Bio-Related Applications, **AMBRA 2020**, to be held on September 7–10, 2020 in Wrocław, Poland, we have the great pleasure to invite you to become a participant. The AMBRA 2020 conference will be organized for the first time by the interdisciplinary scientific community of the city of Wrocław. During the event, we would like to initiate a forum for discussion on advanced materials that find applications in many biological and medical fields. The conference's subject matter gives hope and looks toward solving the dilemmas related to modern biomaterials, especially in the areas of nanotechnology, advanced biomaterials, orthopaedics, cardiac surgery, tissue engineering, facial-jaw engineering, pharmaceuticals and biomechanics, and medical equipment. Topics of interest for submission include, but are not limited to:

- Biomaterials
- Nanomaterials
- Bioimaging
- Biological applications
- Medical applications

Guest Editors

Prof. Dr. Rafał Jakub Wiglusz

1. Institute of Low Temperature and Structure Research, Polish Academy of Sciences, 00-901 Warszawa, Poland
2. Department of Organic Chemistry, Bioorganic Chemistry and Biotechnology, Faculty of Chemistry, Silesian University of Technology, 44100 Gliwice, Poland

Prof. Dr. Anna Lukowiak

Department of Spectroscopy of Excited States, Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Okólna St. 2, 50-422 Wrocław, Poland

Deadline for manuscript submissions

closed (31 March 2023)



Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/39577

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

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





Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science, University of
Birmingham, Birmingham B15 2TT, UK

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), PubMed, PMC, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q1 (General
Chemical Engineering)