

## 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

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### Deadline for manuscript submissions

closed (31 March 2023)



## Nanomaterials

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### 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.

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### Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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