



## Biomedical Applications of Carbonaceous Nanomaterials and Beyond

Guest Editors:

**Dr. Narsimha Mamidi**

School of Engineering and  
Sciences, Tecnológico de  
Monterrey, Monterrey, Nuevo  
Leon 64849, Mexico

**Dr. Ebrahim Mostafavi**

Stanford Cardiovascular Institute,  
Stanford University School of  
Medicine, Stanford, CA, USA

**Dr. Ajeet Kaushik**

Department of Natural Sciences,  
Division of Sciences, Arts &  
Mathematics (SAM), Florida  
Polytechnic University, Lakeland,  
FL 33805-8531, USA

Deadline for manuscript  
submissions:

**closed (29 February 2024)**

### Message from the Guest Editors

This Special Issue is devoted to the interaction between CNMs and tissues/cells; the effect of the size, morphology, shape, and surface of CNMs on their toxicity, biocompatibility, and immunogenicity; the design of novel biodegradable and biocompatible CNMs; instrumentation and technologies to analyze the biocompatibility of CNMs; and challenges to overcome the toxicity of CNMs. This exposure will potentially pave the way for exciting and innovative concepts in CNMs and provide game-changing solutions for several research areas. This Special Issue will highlight original articles and reviews on topics including, but not limited to, the following:

- Development of CNMs for tissue engineering and drug-delivery applications;
- Synergistic characteristics and toxicity evaluation of CNMs and their composites for biomedical applications and other uses;
- Carbon-material-reinforced intelligent/smart CNMs for medical devices, biosensors, etc.;
- CNMs incorporated into nanofibers, hydrogels, thin films, aerogels, nanoparticles, etc.;
- Ceramics, metals, and metal oxides incorporated into biomaterials for biomedical applications.





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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

## Message from the Editor-in-Chief

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*International Journal of Molecular  
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MDPI, St. Alban-Anlage 66  
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