

## Special Issue

# Biomedical Applications of Carbon Nanostructures

### Message from the Guest Editor

The term carbon nanostructures covers a fairly wide range of carbon materials. The best-known representatives of carbon nanostructures are: carbon nanotubes, nanodiamonds, etc. Since their discovery or synthesis, much attention has been paid to the use of these materials in medicine. In this context, the use of carbon nanostructures is considered as drug carriers—mainly anti-cancer and anti-inflammatory drugs, biosensors and diagnosis tools, tissue-engineering factors, or as inhibitors of various biological processes, including viral infections. Therefore, the main aim of this Special Issue is to highlight the importance of the diversity of the research techniques used in this field and their complementarity. This is highly important because a full understanding of a given process or phenomenon requires both detailed experimental analysis and understanding its mechanism at the molecular level. So, we are looking for manuscripts that describe new observations related to the biomedical applications of carbon nanostructures or review articles that use theoretical or experimental methods as well as both approaches simultaneously.

### Guest Editor

Prof. Dr. Tomasz Pańczyk

Institute of Catalysis and Surface Chemistry of the Polish Academy of Sciences, Krakow, Poland

### Deadline for manuscript submissions

closed (31 July 2022)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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Molecular Sciences*  
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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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