



Functionalization of Carbon-Based Nanomaterials for Biomedical Application

Guest Editor:

Prof. Dr. Ana María Díez-Pascual

Departamento de Química
Analítica, Química Física e
Ingeniería Química, Facultad de
Ciencias, Universidad de Alcalá,
Alcalá de Henares, Madrid, Spain

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Message from the Guest Editor

This Special Issue aims to offer a forum for the publication of original research/review articles regarding carbon-based nanomaterials for biomedical and biological applications. Novel surface modifications of carbon nanomaterials to tailor their physico-chemical properties are welcomed. Articles can include (but are not limited to) the following topics:

- structure of functionalized carbon-based nanomaterials;
- functionalization methods (physical, chemical, radiation, and ion-plasma methods);
- composites based on nanostructured carbon and polymers, metals, metal oxide particles, etc.;
- doping of carbon materials with heteroatoms;
- modelling the structure and properties of modified carbon-based materials;
- biosensor applications.

We wish this issue to reflect the plethora of carbon nanomaterials and the variety of functionalization strategies that have been developed in order to enhance their properties, especially for biomedical uses.





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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

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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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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