

## Special Issue

# Molecular Structure, Function and Application of Graphene Materials

### Message from the Guest Editor

Even 20 years after its initial discovery, graphene continues to expand its areas of application. Almost any molecule adsorbed on its surface leads to a detectable change of its electronic or molecular structure that may result in significant change of its properties. Successful engineering with the crystal structure of the graphene and other 2D materials leads to opening of the bandgap and therefore for the wide variety of applications in nanotechnology, encompassing (opto-)electronics, spintronics, sensorics, as well as surface science and biochemistry. In the Special Issue, we welcome novel and original publication on the topics related to the manipulation with the graphene's properties, characterization of its molecular structure and possible application.

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### Guest Editor

Dr. Karolina Drogowska-Horna

Target Laboratory, Extreme Light Infrastructure—Nuclear Physics (ELI-NP), Magurele, Romania

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### Deadline for manuscript submissions

closed (30 March 2025)



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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### Message from the Editor-in-Chief

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Prof. Dr. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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