

## Special Issue

# Advances in Plant-Derived Nanomaterials: From Molecular Mechanisms to Biofortification

### Message from the Guest Editor

Nanomaterials from plants provide environmentally friendly and cost-effective alternatives against synthetic nanoparticles. This Special Issue is supervised by and assisted by Dr. Graziano Rilievo. In it, we will gather the latest results on molecular mechanisms and technical solutions in the frame of biofortification. We welcome original and review articles on topics related to plant-based nanomaterial synthesis and its effects in different areas, such as biotechnology, chemistry, and plant molecular biology. Research on molecular aspects of renewable sources, applications in precision agriculture and organic farming, and efficient use of agricultural waste with plant-based nanomaterials is also welcome. Addressing these areas will allow us to enhance our understanding of the molecular crosstalk between nanomaterials from plants and different organisms, to assess the fate and transport mechanisms of these green synthesized nanomaterials, and to evaluate their interactions with soil microorganisms.

### Guest Editor

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## International Journal of Molecular Sciences

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### 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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