

## Special Issue

# Molecular Perspectives in Nanoadsorption

### Message from the Guest Editor

The development of nanoadsorbents for a multitude of applications is a fact (water decontamination, drug nanocarriers, new adsorption nanotechnologies, etc.). It is in the molecular region where chemists, biologists, physicists, and molecular engineers working in nanosciences can find better opportunities for interaction. In particular, areas such as supramolecular chemistry, biology, and physics are expected to converge in this region. This Special Issue will focus on the study of the molecular aspects of nanoadsorption in prevention systems for public health. Therefore, authors are invited to submit original research and review articles addressing the progress and current status of the molecular mechanisms of nanoadsorption. Topics include, but are not limited to:

Molecular interaction mechanisms in nanoadsorption.  
Analysis of functionalization in nanoadsorption.  
Techniques for the analysis and identification of molecules, pathways, and signaling networks in nanoadsorption applications.

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### Guest Editor

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### Deadline for manuscript submissions

closed (25 February 2026)



## International Journal of Molecular Sciences

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