

## Special Issue

# Synthesis and Applications of Nanoparticles and Multifunctional Nanocomposites

### Message from the Guest Editors

Nanoparticles, as opposed to their larger counterparts, exhibit unique properties due to their high surface area and nanoscale size. Though they have been extensively researched over the past decade, they still present challenges and can be promising candidates for a wide scope of applications. The synthesis of nanoparticles or nanocomposites with tailor-made properties is a gold standard in scientific research. This Special Issue in *Molecules* aims to bring together research papers on the synthesis of nanoparticles, as well as their applications. Presenting a broad scope, this Special Issue welcomes full papers and review articles on organic or inorganic nanoparticle synthesis, stabilization and functionalization, multifunctional nanocomposites and their applications in a wide range of fields. Prof. Dr. Alexandru Mihai Mihai Grumezescu

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### Guest Editors

Prof. Dr. Alexandru Mihai Grumezescu

Dr. Florian V. Dumitrache

Dr. Iulia Ioana Lungu

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### Deadline for manuscript submissions

31 December 2025



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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