

## Special Issue

# Advanced Composite Materials Based on Cellulose

### Message from the Guest Editors

Nowadays cellulose is rapidly used for the production of different composite materials. Namely, the expanded demand for cellulose-based materials and advancements in composite technology has intensified the research on the development of advanced composite materials based on cellulose. Substantial research on cellulose-based composites in active and intelligent food packaging, biomaterials, lightweight construction materials, cellulose-based sensors, and electronics should be carried out. On the other hand, there is an urgent need for reducing the environmental and climate pressures from the different industries and considering how to move towards sustainable advanced composites. To accomplish the concept “LESS WASTE, MORE VALUE”, the waste that occurred during the production of cellulose-based advanced composites should be revalorized as an adsorbent for different inorganic and organic pollutants from wastewater. It is our pleasure to invite academics and experts from the industry to submit a manuscript for this Special Issue. We aim to present original articles, short communications, and reviews on topics related to this topic.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 August 2023)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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