



## Progress in Liquid Crystalline Materials for Advanced Applications

Guest Editor:

**Dr. Alfonso Martinez-Felipe**

School of Engineering, University  
of Aberdeen, Scotland, UK

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

Liquid crystals continue to attract research interest, and the latest fundamental investigations feed new developments of functional materials with exciting properties. Due to their capability to yield fluid nanostructures, liquid crystals can be considered as “living” materials, capable of responding to external stimuli. To date, liquid crystals are extremely attractive for optoelectronic applications, quantum technologies, sensors, actuators, formulations for controlled release, and many more. With the aim to further promote science and technology of liquid crystals, it is a real pleasure to host this Special Issue on *Progress in Liquid Crystalline Materials for Advanced Applications*. The Issue will cover feature papers, research manuscripts and reviews, boosting forefront research in liquid crystals. Due to the inherent multidisciplinary nature of the field, we expect and will welcome contributions with different focuses, including: chemistry, physics, mathematical modelling, measuring techniques, and engineering applications.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

## Contact Us

*Molecules* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](https://twitter.com/Molecules_MDPI)