



## Synthesis of Liquid Crystals and Cellulose Derivatives Liquid Crystalline Phases: Recent Advances

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### Message from the Guest Editors

Liquid crystals (LCs) have become an important part of our daily life and are widely known due to their applications in, for example, display technology. New areas of application continue to be discovered due to important improvements in organic synthesis. This Special Issue will explore the progress that has been made in the production LCs in a more efficient and more environmentally friendly way when compared to conventional methods.

Cellulose is the most abundant biopolymer on Earth. Its chemical versatility allows for the production of a wide variety of cellulose derivatives that can present LCs phases. The relationship between molecular interactions and physical properties represents an important challenge in LC applications. This Special Issue aims to highlight recent developments and novel trends in the organic synthesis of LCs organic and the cellulose derivatives that present LC phases, as well as their application in numerous areas, such as active nature-inspired materials.

We would be delighted to feature your work and hope that you will contribute an original research article/review or a less time-consuming mini-review/perspective.

Deadline for manuscript  
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024

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# Special Issue



*crystals*



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## Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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