# Special Issue

# Advances in Liquid Crystal Dimers and Oligomers

## Message from the Guest Editors

Liquid crystal dimers and oligomers were originally synthesized in the 1980s as the fundamental units used to study the chemistry and physics of LC polymers. This new approach enabled our understanding of some interesting properties, such as the odd–even effect in transition temperatures and entropies or the nature and behavior of dielectric relaxation modes, among others. Three decades later, the novel twist–bend nematic mesophase was experimentally discovered, opening a new field in research into LC materials, which is still a hot topic. This Special Issue aims to address the recent advances in LC dimers and oligomers, from design and synthesis, passing through theory, simulation, and physical characterization to technological applications of such materials.

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## Deadline for manuscript submissions

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# About the Journal

## 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.

## Editor-in-Chief

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