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Supramolecular Organic Chemistry

Guest Editors:

Prof. Dr. Jesús F. Arteaga

CIQSO—Center for Research in Sustainable Chemistry and Department of Chemistry, University of Huelva, 21071 Huelva, Spain

Dr. José A. González-Delgado

CIQSO—Center for Research in Sustainable Chemistry, Department of Chemistry, University of Huelva, 21071 Huelva, Spain

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Message from the Guest Editors

The use of macrocyclic structures, such as cyclodextrins (CDs), cucurbit[n]urils (CBs), pillar[n]arenes (PAs), and calixarenes (CAs), in the field of host–guest chemistry has been established as a versatile tool for implementing supramolecular catalysis, artificial biomimetic receptors, delivery of functional compounds or chemical sensing, to name a few examples. The aim of this Special Issue is to advance the knowledge on supramolecular organic chemistry based on a multi-angled view. We hope to bring together a range of contributions starting with a better perception of host–guest interactions, from a fundamental point of view, to applications in (photo)catalysis, organic synthesis, sensing, stimuli-responsive delivery, or smart soft materials.

- Supramolecular chemistry
- Chemical sensing
- Supramolecular catalysis
- Delivery of functional compounds
- Supramolecular organic synthesis
- Host-guest mediated photochemistry



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Special Issue



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Editor-in-Chief

Prof. Dr. Wim Dehaen

Molecular Design and Synthesis,
Department of Chemistry, KU
Leuven, Leuven Chem&Tech,
Celestijnenlaan 200F, B-3001
Leuven, Belgium

Message from the Editor-in-Chief

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Contact Us

Organics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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