

# Special Issue

## Synthesis and Application of Organic Molecules Based on Symmetry

### Message from the Guest Editors

Symmetry is a fundamental concept across many scientific disciplines. In chemistry, it plays a crucial role in molecular structures, directly influencing their functions and properties. In recent years, significant advancements have been made in organic synthesis, including asymmetric catalysis. Scientists' understanding of symmetry and asymmetry, along with their ability to precisely control chirality, has advanced remarkably, paving the way for new applications. This Special Issue highlights research on organic molecules, encompassing a wide range of topics, including organic synthesis, stereochemistry, structural analysis, molecular properties, organic physics, material development, and sensor technology. Additionally, it covers studies on dyes, fragrances, food additives, pharmaceuticals, and other related fields. We welcome submissions from researchers working with both small organic molecules and macromolecules exhibiting symmetric or asymmetric structures.

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### Guest Editors

Dr. Jian Zhang

Howard Hughes Medical Institute, The University of Chicago, Chicago, IL 60637, USA

Dr. Xiaoyang Dong

School of Physical Sciences, Great Bay University, Dongguan 523000, China

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### Deadline for manuscript submissions

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# Symmetry

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*Symmetry*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
symmetry@mdpi.com

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## About the Journal

### Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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### Editor-in-Chief

Prof. Dr. Sergei Odintsov

1. ICREA, 08010 Barcelona, Spain

2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193  
Barcelona, Spain

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