

Asymmetry and Symmetry in Organic Chemistry 2021

Guest Editor:

Prof. Dr. Michal Rachwalski
Department of Organic & Applied
Chemistry, University of Łódź,
Łódź, Poland

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Message from the Guest Editor

Dear Colleagues,

Stereoselective construction of new organic compounds is still one of the most important fields in modern synthetic organic chemistry. This Special Issue invites contributions concerning asymmetric synthesis, especially including the application of chiral ligands and organocatalysts, various theoretical aspects of the optical activity of organic compounds, stereodivergent and stereoconvergent catalysis, and mechanistic aspects of asymmetric induction. As part of this Special Issue, various synthetic approaches leading to symmetric organic compounds are also welcome. They may include, for example, the synthesis of molecules bearing a plane of symmetry, symmetry axis, center of symmetry, or similar.

Prof. Dr. Michal Rachwalski

Guest Editor





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Editor-in-Chief

Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca
i Estudis Avançats (ICREA),
Passeig Luis Companys, 23,
08010 Barcelona, Spain
2. Institute of Space Sciences
(ICE-CSIC), C. Can Magrans s/n,
08193 Barcelona, Spain

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

Tel: +41 61 683 77 34
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