

Special Issue

New Advances in Stereochemistry

Message from the Guest Editor

In 1848, Louis Pasteur provided the first demonstration that molecules can be chiral and accomplished the first resolution of enantiomers, with his “most beautiful experiment in the history of chemistry” (according to 2003 C&EN poll results, available at <https://doi.org/10.1021/cen-v081n034.p027>). Since then, chemists have maintained a wonderful and productive love affair with stereochemistry and molecular symmetry/dissymmetry. In 2021, the Journal Symmetry will celebrate stereochemistry, still beautiful after all these years, with a Special Issue seeking to report recent results in the field including, but certainly not limited to: novel examples of spontaneous achiral symmetry breaking; formation of fluid conglomerates; topological chirality in molecular systems; chirality in polymers; enantioselective synthesis; chirality in organometallic materials; enantioselective host–guest integrations.

Guest Editor

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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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