



## Asymmetric Molecules and Chirality Recognition

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### Message from the Guest Editors

Dear Colleagues,

Symmetry is a concept with immense implications in the way we interpret the universe and its properties. Strikingly, asymmetric molecules carry tremendous importance in the way biological matter is structured. The origin of biological homochirality is still an open debate and it eludes us in many aspects. However, an increasing number of experimental techniques are being developed that are able to capture and retrieve precise quantitative information on chiral molecules, either in isolation or in condensed phases. This endeavour is a crucial one, as chiral probes are essential for improving design and separation methods in an increasingly fast-paced scientific enterprise.

The aim of this Special Issue is to bring together the old and the new in experimental methodologies for chiral analysis and separation, and with that stimulate a stronger synergy between complementary tools to recover chiral information, such as absolute configuration and/or enantiomeric excess.





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## Editor-in-Chief

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## 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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