# **Special Issue**

# **Halogen Bonds and Beyond**

### Message from the Guest Editor

The field of weak interactions has witnesses a great deal of progress in recent years. New types of interactions have been described and their natures have been rationalized. Even though the most important non-covalent interaction is the hydrogen bond, the halogen bond has been recognized as the second most important interaction. Its relevance as a tool in molecular recognition has been used in different areas, such as catalysis, material science and medicinal chemistry. This Special Issue aims to show the different facets of halogen bonds. It welcomes original research papers and reviews dealing with experimental, computational studies and statistical surveys were halogen bonds are involved. Prof. Dr. Ibon Alkorta

### **Guest Editor**

Prof. Dr. Ibon Alkorta

Instituto de Química Médica (IQM-CSIC), Juan de la Cierva, 3, 28006 Madrid, Spain

### Deadline for manuscript submissions

closed (15 November 2017)



# **Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/10055

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

mdpi.com/journal/ molecules





## **Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



## **About the Journal**

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

### **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

### **Journal Rank:**

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

### **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

