Special Issue

Foldamers: Synthesis and Applications

Message from the Guest Editor

Investigations concerning the protein folding led to development of compounds that were named “foldamers”. This definition deals with oligomers that display a secondary structure, mostly evidenced by spectroscopic methods, exploiting non-covalent interactions such as hydrogen bonding and aromatic stacking. Thus, a lot of different structures were obtained, although helices were most frequently observed. Moreover, it is worth mentioning that these compounds display interesting properties in disrupting protein–protein interactions, so that they are largely studied as drug candidates, being suitable for a novel approach to innovative therapeutics.

Guest Editor

Prof. Dr. Mario Orena

Di.S.V.A. Chemistry, Polytechnic University of Marche, Via Brecce Bianche, I-60131 Ancona, Italy

Deadline for manuscript submissions

closed (10 May 2017)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/7376

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

mdpi.com/journal/molecules

MDPI

About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all 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).