Special Issue

Advances in S-Triazine-Based Therapeutics: From Antimicrobials to Neurodegenerative Disease Modulators

Message from the Guest Editor

1,3,5-Triazine, known as s-triazine, is one of the oldest heterocyclic compounds available, and due to its low cost and high availability, it has continually attracted the attention of scientists who aim to synthesize and investigate the activity of its new derivatives.Nucleophilic substitution in the s-triazine ring is favored over electrophilic substitution due to its lower basicity and much weaker resonance energy than that of benzene. Thus, a number of heterocyclic compounds with a symmetric s-triazine core have been obtained, which represent an interesting class of compounds with a wide spectrum of biological properties. Recently, however, derivatives with activity against agents in other clinical problems, such as neurodegenerative diseases, have also been obtained.This Special Issue focuses on recent developments in the design, synthesis, and activity testing of new s-triazine derivatives, as well as new molecular targets for these compounds.

Guest Editor

Dr. Danuta Drozdowska
Department of Organic Chemistry, Medical University of Białystok, Mickiewicza Street 2A, 15-222 Białystok, Poland

Deadline for manuscript submissions

20 November 2026

Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/242094

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

mdpi.com/journal/biomolecules

Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed

mdpi.com/journal/biomolecules

About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen
Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan
Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

Author Benefits

Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)

MDPI