Special Issue

Cardiovascular Protection against Chemotherapeutics and Environmental Toxins: New Agents and Molecular Targets

Message from the Guest Editors

The characterization, management, and prevention of cardiotoxicity, whether caused by pharmacological agents or environmental exposures, compose a growing area of research. Cancer chemotherapeutics, in particular, have multiple off-target effects on the cardiovascular system, and studying these effects has led to the birth of the new cardio-oncology field. This Special Issue aims to present the latest advances in the study of cardiotoxicity and especially the field of cardio-oncology, in order to better understand the underlying mechanisms and improve the cardiac safety of therapeutic interventions. Potential topics include, but are not limited to:

- Cardiac effects, molecular mechanisms, and signaling pathways of drugs, xenobiotics, and environmental toxins
- Cardiovascular effects of classic cancer chemotherapeutics and new agents
- Safety and efficacy of novel cardioprotective agents against cardiotoxicity
- Development and validation of in vivo and in vitro models to study cardiotoxicity

Guest Editors

Dr. Abdelrahman I. Abushouk

Dr. Kartik Anand

Dr. Anas Saad

Dr. Essa M. Saied

Prof. Dr. Mohamed M. Abdel-Daim

Deadline for manuscript submissions

closed (31 May 2022)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/59341

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).