



an Open Access Journal by MDPI

Polyamine Drug Discovery

Guest Editors:

Prof. Dr. Anna Minarini

Department of Pharmacy and
Biotechnology, Alma Mater
Studiorum Università di Bologna,
Bologna, Italy

Prof. Dr. Michela Rosini

Department of Pharmacy &
Biotechnology, Alma Mater
Studiorum-University of Bologna,
Via Belmeloro 6, 40126 Bologna,
Italy

Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editors

Dear Colleagues,

Naturally occurring polyamines as well as synthetic polyamines affect various biological pathways through either activation or inhibition of these pathways. This indicates that polyamine research has a great potential in drug discovery for the treatment of different diseases. Many notable findings in this field have been concerned with the identification of polyamine analogues as chemopreventive and antiproliferative agents, antiparasitic compounds, neuroprotectants, and neurotransmitter receptor agonists/antagonists.

This Special Issue “Polyamines in Drug Discovery” welcomes the submission of review and research articles related to the design, synthesis, and pharmacological characterization of new polyamine-based molecules that could underlie innovative approaches in drug development, for example, by targeting polyamine metabolism and transport or by acting as epigenetic modulators.

Prof. Dr. Anna Minarini
Prof. Dr. Michela Rosini
Guest Editors



mdpi.com/si/31295

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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.

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](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)