

Special Issue

Nanotechnology in Americas

Message from the Guest Editors

Nanotechnology includes the control of matter at the nanoscale, where unique phenomena and unusual properties enable novel applications. Nanotechnology applications are very broad, such as textile, renewable energy, biomedical, healthcare, environment, electronics, optics, agriculture, food science, manufacturing, and industrial. Nanoprocessing, nanofabrication, and nanomaterials have been key to enabling the development of nanotechnologies. These nanomaterials have unique properties due to their size, and are composed of organic and inorganic materials from natural or synthetic sources. As nanotechnology efforts continue to evolve, their geographical polarization becomes broader. For this reason, this Special Issue is dedicated to the current status of nanotechnology in the Americas, including all the different efforts in specific areas. The objective is to highlight and acknowledge the advances and challenges in the region of the Americas. Original research articles, reviews, or communications within the scope of nanotechnology and from researchers based at any university or scientific institution in the Americas are welcome.

Guest Editors

Prof. Dr. Frank Alexis

Colegio de Ciencias e Ingenierías, Universidad of San Francisco de Quito, Quito 107910, Ecuador

Prof. Dr. Si Amar Dahoumane

Department of Chemistry and Biochemistry, Université de Moncton, Moncton, NB, Canada

Deadline for manuscript submissions

closed (31 December 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/84451

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

[mdpi.com/journal/
molecules](https://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](https://mdpi.com/journal/molecules)



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).