



an Open Access Journal by MDPI

Novel Anti-cancer Lead Compounds

Guest Editors:

Dr. Fernando de Carvalho da Silva

Departamento de Química Orgânica, Instituto de Química, Universidade Federal Fluminense, Niterói 24020-141, RJ, Brazil

Prof. Dr. Vitor Francisco Ferreira

Pharmacy School, Universidade Federal Fluminense, Rio de Janeiro, Brazil

Dr. Luana Da Silva Magalhães Forezi

Adjunct Professor, Applied Organic Synthesis Laboratory, Department of Organic Chemistry, Chemistry Institute, Fluminense Federal University, Niteroi 24020-141, RJ, Brazil

Deadline for manuscript submissions: closed (31 March 2023)



mdpi.com/si/101089

Message from the Guest Editors

Dear Colleagues,

Currently, hundreds of different anticancer drugs are available on the market or are under development worldwide. However, there remains a need to screen for novel drugs utilizing innovative and combined mechanisms. This need is not merely a matter of overcoming drug resistance but also a means of fighting cancer through diverse approaches. Drugs designed for other purposes can demonstrate activity against cancer cells. Because cancer cells exhibit highly active metabolism, several pathways are active at the same time and must function in an integrated manner to guarantee cells' ability to survive and proliferate at extremely high rates.

In this context, it is a great pleasure to invite you to contribute to this thematic Special Issue of *Molecules* on Novel Anti-Cancer Lead Compounds that will cover the latest research trends and applications in the field. Submissions of reviews and original research papers are highly welcome.

Prof. Dr. Fernando de Carvalho da Silva Prof. Dr. Vitor Francisco Ferreira Prof. Dr. Luana Da Silva Magalhães Forezi *Guest Editors*







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