



life



an Open Access Journal by MDPI

Biological Activities of Natural Products, Antipsychotics, and Their Derivatives

Guest Editors:

Dr. Michał Otręba

Department of Drug Technology,
Faculty of Pharmaceutical
Sciences in Sosnowiec, Medical
University of Silesia in Katowice,
St Jedności 8, 41-200 Sosnowiec,
Poland

Dr. Leon Kosmider

Department of General and
Inorganic Chemistry, Faculty of
Pharmaceutical Sciences,
Medical University of Silesia, 41-
200 Sosnowiec, Poland

Dr. Anna Kleczka

Department of Pathology,
Faculty of Pharmaceutical
Sciences in Sosnowiec, Medical
University of Silesia in Katowice,
41-200 Sosnowiec, Poland

Message from the Guest Editors

It is known that phenothiazine derivatives (chlorpromazine, fluphenazine, perphenazine, prochlorperazine, and thioridazine) possess novel antitumor activity, which has been confirmed by several research groups towards different types of cancer, both in vitro and in vivo.

This Special Issue is focused on discussing the future role of phenothiazine derivatives in cancer treatment. In this field, in vitro and in vivo studies are needed to determine the precise molecular mechanisms and concentrations for anti-tumor effects. Research on chlorpromazine, fluphenazine, perphenazine, prochlorperazine, and thioridazine or new derivatives, as well as research on mixtures with other drugs or compounds, is welcomed.

The comparison of in vitro results with normal human cell lines and/or in vivo studies is also within the scope of this Issue, and review papers are also welcome. The goal of this Issue is to shed light on the molecular mechanism of the anticancer activity of phenothiazine derivatives and possible strategies to interfere with these processes.

Deadline for manuscript
submissions:

closed (22 September 2021)



mdpi.com/si/53064

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in
Biomedicine (IRB Barcelona), The
Barcelona Institute of Science
and Technology, 08028
Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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](#), [PMC](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Biology*) / CiteScore - Q2 (*Paleontology*)

Contact Us

Life Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)