

Special Issue

Natural Products and Synthetic Derivatives in Cancer and Inflammatory Diseases

Message from the Guest Editor

The role of natural products, particularly those derived from plants and microorganisms, in the development of new drugs is not limited to mere historical context. This Special Issue aims to showcase cutting-edge research on natural products for anti-inflammatory and anticancer therapies. Reviews and original research articles focused on the following topics are particularly welcome:

- Chemical characterization and evaluation of anti-inflammatory properties of medicinal plants based on ethnopharmacological approaches.
- Chemical characterization and exploration of the anti-inflammatory and anticancer effects of less-studied microorganisms and marine organisms.
- Discovery and structure elucidation of new chemical entities and the investigation of their in vitro and in vivo effects on targets and pathways related to inflammation and cancer.
- Identification and analysis of molecular mechanisms in preclinical candidates and synthetic derivatives, including structure–activity relationship (SAR) studies.

Guest Editor

Dr. Nelson G.M. Gomes

REQUIMTE/LAQV, Laboratório de Farmacognosia, Departamento de Química, Faculdade de Farmácia, Universidade do Porto, 4050-313 Porto, Portugal

Deadline for manuscript submissions

closed (20 November 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/215437

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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