

Special Issue

Anti-inflammatory Molecules: Design/Synthesis, Characterization, and Applications

Message from the Guest Editors

This Special Issue features highlights of recent advances in anti-inflammatory molecules with the aim of combining their various aspects, with particular emphasis on design/Synthesis, characterization, natural products isolation, plant tissue culture and applications. Furthermore, this Special Issue points out different research topics of interest to further elucidate the role of anti-inflammatory molecules as a source of supply of secondary metabolites for industrial applications, as well as for cosmetic and pharmaceutical purposes. All types of anti-inflammatory studies are welcome for this issue, including design, synthesis, chemical characterization, anti-inflammatory activity of phytoconstituents, applications studies and systematic reviews.

Guest Editors

Prof. Dr. Francisco Cruz-Sosa

Department of Biotechnology, Metropolitan Autonomous University, Iztapalapa Campus, Av. Ferrocarril de San Rafael Atlixco 186, Mexico City 09310, Mexico

Dr. Antonio Bernabé-Antonio

Department of Wood, Pulp and Paper, University Center for Exact Sciences and Engineering, University of Guadalajara, Km. 15.5, Carretera Guadalajara-Nogales, Col. Las Agujas, Zapopan 45020, Mexico

Deadline for manuscript submissions

closed (31 July 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/104726

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

mdpi.com/journal/

appls.c





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)