

Special Issue

Exploring the Antibacterial, Anti-Inflammatory and Antioxidant Properties of Natural Products in Drug Discovery and Development

Message from the Guest Editors

This Special Issue aims to compile recent scientific discoveries and advances in natural products research focusing on drug discovery and development. We seek high-quality research work spanning full-length original research articles, concise research communications, and comprehensive reviews, covering diverse areas such as isolation, characterization, biological activities, and pharmacological and toxicological properties of natural products. We also aim to investigate the mechanisms of action of natural products and their isolates relevant to human health and disease, exploring biochemical pathways. Investigations include, but are not limited to, antioxidant, anticancer, antidiabetic, antimicrobial, anti-hypertensive, anti-inflammatory and wound healing activities. Implementing in vitro, in silico, and in vivo studies are highly encouraged. Thank you. I hope you consider participating in this fascinating and impactful Special Issue. Sincerely, Dr. Ankanahalli N. Nanjaraj Urs

Guest Editors

Dr. Ankanahalli N. Nanjaraj Urs

Department of Biology, Washington University in St. Louis, St. Louis, MO 63043, USA

Dr. Mohammad Fahim Kadir

Department of Pharmacology, School of Osteopathic Medicine, Campbell University, Buies Creek, NC, USA

Deadline for manuscript submissions

31 December 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/220684

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

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





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, 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, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))