Special Issue

Innovative Analytical Techniques and Nanotechnology in Natural Products Analysis and Drug Development

Message from the Guest Editors

The integration of innovative analytical techniques and nanotechnology is revolutionizing the field of natural product analysis and drug development. With the increasing complexity of natural compounds and the demand for more efficient drug development processes, novel analytical methods such as mass spectrometry, nuclear magnetic resonance, and chromatography are being combined with nanotechnology to enhance sensitivity, specificity, and throughput. This Special Issue aims to explore the latest advancements and applications of these cutting-edge technologies in the discovery, characterization, and development of natural products as therapeutic agents. We encourage submissions that demonstrate the use of nanoparticles, nanosensors, and nanoformulations in the sample preparation and analysis of natural products and drugs. This Special Issue covers any aspect of advanced analytical techniques for natural product analysis and drug development and welcomes opinions, brief reports, communications, research articles, as well as reviews.

Guest Editors

Dr. Jinchao Wei

Institute of Chinese Medical Sciences, University of Macau, Macau 999078, China

Dr. Di Chen

School of Pharmaceutical Sciences, Zhengzhou University, Zhengzhou 450001, China

Deadline for manuscript submissions

15 March 2026



Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/218789

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

mdpi.com/journal/ pharmaceuticals





Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Cièncias, Universidade de Lisboa, Lisboa, Portugal

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, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

