Special Issue

Advances in Neuropharmacology of Drug Abuse

Message from the Guest Editor

In recent years, the substance abuse scenario has changed considerably. Indeed, although the use of substances commonly considered 'traditional', such as THC, cocaine, and opioids, remains high, the use of medications to achieve psychoactive effects (known as 'pharming') and the advent of new psychoactive substances (NPS) have contributed to a change in the prevalence and consumption of substances. The effects of such substances can range from acute toxicity to death, depending on dosage, route of administration, and concomitant use of other psychoactive drugs. Clearly, the strictly pharmacological and toxicological aspects are not always clear, sometimes because the substance being taken, its properties, and possible pharmacokinetic and pharmacodynamic interactions are not always known. This Special Issue aims to provide an up-to-date overview of the pharmacology, clinical information, and toxicology of psychotropic drugs, both licit and illicit, and the effects associated with their use. Finally, it includes detection strategies that can be adopted in the initial clinical assessment of patients.

Guest Editor

Dr. Stefania Chiappini

Department of Medical Sciences, UniCamillus International University of Health Sciences, Via di S. Alessandro 8, 00131 Rome, Italy

Deadline for manuscript submissions

closed (20 June 2025)



Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/168345

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)

