Special Issue

Psychedelics: A New Drug Candidate for Treating Mental Illness

Message from the Guest Editors

With the need to develop new drugs that are effective. safe, and have an acceptable risk-benefit balance, we have recently seen renewed interest in psychedelic research from both the scientific and pharmaceutical communities. "Magic" mushrooms contain natural psychedelics such as psilocybin and psilocin. Furthermore, compared with natural molecules, laboratories can synthesize the psychedelics essential for rational drug design. This Special Issue aims to bring together both original articles and comprehensive reviews of research into psychedelics. Topics of interest for this Special Issue include pharmacokinetics of psilocybin and its active form, psilocin; hepatic and intestinal enzymatic interactions that may give rise to active psilocybin metabolites; preclinical studies in mice and the impact of psychedelics on neuronal growth; current human clinical trials and the proven effects of psilocybin on relapse prevention in the maintenance of alcohol abstinence; and possibilities of producing a stable, easy-to-absorb psilocybin to maximize pharmacokinetic parameters and limit drug interactions with other alcohol dependence medications.

Guest Editors

Dr. Raphaël Serreau

CNRS, CBM, Équipe NEURRIT, UPR 4301, EPSM Georges DAUMEZON GHT, 45 1 route de Chanteau, 45400 Fleury les Aubrais, France

Prof. Dr. Sabine Berteina-Raboin

Institut de Chimie Organique et Analytique (ICOA), Université d'Orléans, UMR-CNRS 7311, BP 6759, Rue de Chartres, 45067 Orléans, France

Deadline for manuscript submissions

closed (25 September 2025)



Pharmaceuticals

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/206895

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)

