Special Issue

Manipulation of the Blood-Brain Barrier for CNS Drug Delivery Enhancement

Message from the Guest Editors

This Special Issue is dedicated to specifically addressing this delivery impediment in the treatment of brain diseases via different strategies that all share the same goal. We are pleased to invite you to submit original research articles and reviews that thoroughly describe the physiological and pharmacological aspects of the BBB; various detailed approaches for CNS delivery, and those discussing specific shortcomings and advantages. We aim to gather a collection of articles that identify delivery strategies, which are either actively in use or about to be clinically used. Our Special Issue also intends to publish papers describing what the future might hold in the field of delivery across the BBB. Research areas may include (but are not limited to) the following: BBB physiology and pathological remodeling, intra-arterial chemotherapy, BBB disruption, convection-enhanced delivery, and nanocarriers. We look forward to your submissions.

Guest Editors

Prof. Dr. David Fortin

- Centre de Recherche du Centre Hospitalier Universitaire de Sherbrooke, Universitaire de Sherbrooke, 12e Avenue Nord, Porte 6, Sherbrooke, QC J1H 5N4, Canada
- 2. Department of Surgery, Division of Neurosurgery and Neuro-Oncology, Centre Intégré Universitaire de Santé et de Services Sociaux de l'Estrie—Centre Hospitalier Universitaire de Sherbrooke, 3001 12e Avenue Nord, Sherbrooke, QC J1H 5H3, Canada

Dr. Laurent-Olivier Roy

Department of Surgery, Division of Neurosurgery and Neuro-Oncology, Centre Intégré Universitaire de Santé et de Services Sociaux de l'Estrie –Centre Hospitalier Universitaire de Sherbrooke, 3001 12e Avenue Nord, Sherbrooke, QC J1H 5H3, Canada

Deadline for manuscript submissions

28 February 2026



an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



mdpi.com/si/237256

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

mdpi.com/journal/pharmaceutics





an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).

