

Special Issue

Blood–Brain Barrier Drug Targeting: The Future of Brain Drug Development, 2nd Edition

Message from the Guest Editor

Neurological disorders have been a challenge to target therapeutically given the presence of the blood–brain barrier (BBB). BBB/Neurovascular unit (NVU) integrity is vital to the health of the central nervous system (CNS) and serves as the gateway for CNS drug delivery. However, the influence of pathological changes on BBB dynamics and ultimately on brain drug development is oft overlooked. Thus, it is important to the clinical success of new CNS-targeting agents to account for pathological changes, as well as those resulting from aging and sex differences, to fully understand BBB integrity, its impact on drug delivery, and how these issues will be addressed in the future. The aim of this Special Issue of *Pharmaceutics* is to collect research and review papers on targeting the CNS during disease by understanding the role of the BBB in drug discovery and development. We welcome articles dealing with any aspect of BBB dynamics during physiological and pathophysiological states on CNS drug delivery and invite researchers and drug developers to publish their papers with expert opinions and perspectives in the area of therapeutics.

Guest Editor

Dr. Tally M. Largent-Milnes

Department of Pharmacology, University of Arizona, Tucson, AZ 85721, USA

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

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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

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