Special Issue

Lipid-Based Nanoparticles for Transdermal Drug Delivery

Message from the Guest Editors

In recent years, the application of lipid-based nanoparticles (LNPs) in transdermal drug delivery has gained significant attention in the field of pharmaceutics. With the skin acting as a significant barrier to drug penetration, traditional transdermal delivery methods face limitations in efficacy. LNPs may serve as a means to enhance transdermal drug delivery systems, offering a promising solution and leveraging their biocompatibility, flexibility in drug loading, and ability to penetrate the skin more effectively than conventional formulations. This Special Issue aims to showcase the latest advancements in strategies for preparation, methodologies for monitoring the permeation, and applications of LNPs in transdermal drug delivery, highlighting their importance in overcoming the current challenges and paving the way for novel therapeutic strategies. By bringing together original research articles and reviews from experts in this field, we aim to provide a comprehensive overview of the latest advancements, challenges, and opportunities in this exciting area of research. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Newton Andréo Filho

Laboratório de Farmacotécnica e Cosmetologia, Departamento de Ciências Farmacêuticas, Universidade Federal de São Paulo, UNIFESP-Diadema, São Paulo 09913-030, Brazil

Dr. Heather Benson

School of Pharmacy and Biomedical Sciences, Curtin Health Innovation Research Institute, Curtin University, GPO Box U 1987, Perth, WA 6845, Australia

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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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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

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