Special Issue

Recent Advances Using Enhancement Strategies and Technologies for Topical Drug Delivery

Message from the Guest Editors

Pharmaceutical technology has been devoted to developing strategies and technologies to enhance the amount of drug permeating through external tissues such as the skin, eyes, nails, vaginal and buccal cavity. As accessible tissues, these body parts have inherent protective physiological functions and are natural barriers for drug penetration. For a long time, technological approaches have focused on using formulations, designs and excipients for circumventing such protective functions. Significant progress has been made over the years, specifically applying drug delivery nano systems that can have multiple mechanisms for enhancing drug delivery.

This Special Issue aims to reunite recent research studies that represent advancements achieved with the use of enhancement strategies and technologies for drug delivery or for the development of the technology itself. We invite articles on all aspects of improved topical drug delivery, with an emphasis on formulation strategy, performance analysis or on the use of physical enhancement technologies and its applications.

Guest Editors

Dr. Taís Gratieri

Laboratory of Food, Drugs, and Cosmetics (LTMAC), School of Health Sciences, University of Brasília, Brasília 70910-900, DF, Brazil

Prof. Dr. Guilherme M. Gelfuso

Laboratory of Food, Drug, and Cosmetics (LTMAC), School of Health Sciences, University of Brasilia, Brasília 70910-900, Brazil

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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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