Special Issue

Transmucosal Absorption Enhancers in the Drug Delivery Field

Message from the Guest Editors

Development of strategies to assist the movement of poorly permeable molecules across biological barriers has long been the goal of drug delivery science. In the last decades, there has been an exponential increase in advanced drug delivery systems that aim to address this issue. However, most proprietary delivery technologies that have progressed to clinical development are based on permeation enhancers (PEs) that have a history of safe use in man. This Special Issue aims to present the current state of the art in the application of PEs to improve drug absorption. Emphasise is placed on identification of novel permeation enhancers, mechanisms of barrier alteration, physicochemical properties of PEs that contribute to optimal enhancement action, studies assessing safety of PEs, approaches to assist translation of PEs into effective oral dosage forms. We invite research scientists from the pharmaceutical/food industry or academia to submit original research articles, review articles or commentaries.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2019)

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