



Skin Drug Delivery: Local and Systemic Applications

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Message from the Guest Editors

Dear Colleagues,

Drug delivery through the skin is a challenge, due to its very effective barrier function. Application of drugs onto the skin is of great interest and may aim to achieve local or systemic effects. Although some drugs can effectively diffuse through intact skin, most of them are unable. Several approaches and drug delivery systems have been used to overcome these permeability issues, including, chemical or physical enhancement, use of nano or microparticles or the use of microneedles. On the contrary, a lower number of drugs used to treat topical conditions diffuse very effectively through the skin. Here, there is a need to retain the drug onto the skin surface to control drug access to systemic circulation through different strategies, such as the use of controlled release systems or targeting the hair follicle as a drug reservoir through nano-/micromaterials.

This Special Issue has the aim of highlighting current progress in modulating skin permeability of drugs for topical and systemic applications. Contributions may be either original research or a review.





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Message from the Editor-in-Chief

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