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Recent Advances in Skin Drug Delivery

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Message from the Guest Editors

Skin drug delivery is associated with a convenient noninvasive, targeted, and on-demand route of administration for the treatment of various diseases. A variety of methods have been developed to investigate and eventually improve skin penetration and permeation. Improved penetration-enhancement strategies led to a resurgence of interest in transdermal drug delivery to the systemic circulation. Given that only a small number of transdermal formulations are commercially available, further advancement of skin drug delivery requires the development of novel delivery systems and approaches that are suitable for compounds distinguished by physicochemical properties and molecular sizes.

Undoubtedly, any targeted and active skin drug delivery vision promoting increased drug bioavailability should comprise an encouraging approach for the safe and efficient transfer of therapeutic molecules. On the other hand, no less important is the delivery of topical drugs directly to various skin structures with minimal penetration into the systemic circulation.

We welcome the submission of original research and review articles focused on the above-described subjects.



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