



Recent Trends in Dermal Smart Delivery Systems

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Deadline for manuscript
submissions:
closed (20 February 2022)

Message from the Guest Editors

Dear Colleagues,

Recently, nano-based smart delivery systems have allowed for the development of novel carriers for the efficient transport and controlled release of active molecules in a wide range of applications, such as biotechnology, medicine and cosmetology.

In particular, the use of functional nanoplateforms in dermal delivery systems has contributed to the improvement of the skin penetration capabilities of various loaded agents (e.g., antioxidants, drugs, dyes, photosensitizers) by increasing the duration of their activity via slow release and specific targeting.

Moreover, these smart platforms offer the possibility to overcome the challenges relating to the permeation and skin irritation of conventional compounds used in skin treatments.

This Special Issue aims to cover different aspects of the development of smart delivery systems in the field of dermal delivery. Authors are invited to submit original research articles and reviews in this important and exciting research field.





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Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

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