

Special Issue

Advanced Transdermal Drug Delivery

Message from the Guest Editor

Dear Colleague, Transdermal delivery (TDD) systems offering a number of advantages over oral delivery have been available since 1979, when the first passive patch containing scopolamine was approved by the FDA. The future success of this dosage form is limited by the inability to deliver most drugs through the skin in therapeutically effective amounts. However, through novel designs of devices, new materials and active drug delivery approaches, we have the potential to significantly impact the future of TDD especially for those dosage forms containing macromolecules. Examples include microneedles, laser, ultrasound, iontophoresis and electroporation as well as thermal poration. In this "Advanced Transdermal Drug Delivery" Special Issue we will discuss the transdermal technologies of the future: the potential and the challenges.

Guest Editor

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