

Special Issue

Novel Approaches for Topical or Transdermal Delivery of Large Molecules

Message from the Guest Editors

Topical/transdermal drug delivery is ideal for delivering many active pharmaceutical ingredients (APIs), including insulin and antibodies, because of its unique advantage of bypassing the first-pass metabolism and protection from enzyme degradation in the gastrointestinal tract.

Although significant advances have been made in the field of topical/transdermal drug delivery, there are only a few products in the market approved by the FDA.

Patients suffering from certain diseases, including diabetes and cancer, require a convenient dosage form instead of painful injections. Therefore, there is an urgent need to explore novel strategies for transdermal delivery of large molecules.

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