

## 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.  
Prof. Dr. Shawn D Spencer

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### Deadline for manuscript submissions

closed (15 July 2024)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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