



Novel Approaches for Topical or Transdermal Delivery of Large Molecules

Guest Editors:

Dr. Arvind Bagde

Department of Pharmaceutics,
Florida Agricultural and
Mechanical University,
Tallahassee, FL 32307, USA

Prof. Dr. Shawn D Spencer

SAIC-Frederick, Frederick, MD
21702, USA

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Message from the Guest Editors

Dear Colleagues,

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.

Dr. Arvind Bagde
Prof. Dr. Shawn D Spencer
Guest Editors





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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