



## Drug Delivery Systems Using Various Microneedle Technologies

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### Message from the Guest Editor

Dear Colleagues,

Microneedles are an array of micron-scale needles that are capable of penetrating the outermost layer of skin, the stratum corneum, for efficient transdermal delivery. Because transdermal delivery has potential advantages over other routes of administration, it is a highly recommended route for drug delivery. Conventional hypodermic needle injections have been replaced with various types of microneedles because of their unique mechanical strength, shape and delivery mechanisms for different types of biomolecules.

We would encourage scientists from microneedles areas to contribute original and review articles regarding the recent advances in drug delivery systems using various microneedle technologies.

Prof. Dr. Yeu-Chun Kim

*Guest Editor*

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