



## Advances and Challenges in Nasal Formulation Developments, 2nd Edition

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### Message from the Guest Editor

Dear Colleagues,

Intranasal administration has the potential as a targeting system for various tissues (e.g., brain targeting, lymphatic delivery, mucosal vaccination and transmucosal absorption). The development of nasal formulations is difficult due to factors such as the retention time in the nasal cavity, dose restriction, animal species difference and individual variation in nasal drug absorption. This Special Issue will address the advances in various forms of nasal formulations, including in vivo and in vitro evaluations of drug permeation and disposition, drug dissolution from formulations, the development of novel dosage forms and excipients for nasal applications. Additionally, it will include studies on drug targeting from nose to brain/lymphatic tissue, nasal vaccination and mucosal absorption. Original research papers and review articles are welcomed.

Dr. Daisuke Inoue  
Guest Editor



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## Message from the Editor-in-Chief

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