

Special Issue

Oromucosal Dosage Forms: Novel Formulation Strategies, Delivery and Release

Message from the Guest Editors

In the last few decades, the oral cavity has attracted the interest of the scientific community as a promising alternative route for drug administration. Both the buccal and sublingual mucosae are highly vascularized, presenting several advantages such as the opportunity to bypass the gastrointestinal tract and first-pass metabolism in the liver. When the sublingual mucosa is chosen as an administration site, the rapid onset of action results in the delivery route being more comfortable and convenient than the intravenous route. Moreover, mouth pathologies ranging from periodontitis to mucositis up to cancerous lesions can greatly benefit from targeted locoregional drug delivery in a manner whereby systemic side effects are avoided. Therefore, the design and characterization of pharmaceutical dosage forms suitable for oral cavity application are of crucial importance. This Special Issue welcomes original research articles and reviews that cover all the aspects of the design, manufacturing, characterization and final formulation of oromucosal drug delivery systems.

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Deadline for manuscript submissions

closed (31 March 2023)



Pharmaceutics

an Open Access Journal
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Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



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