

Special Issue

Buccal Drug Delivery

Message from the Guest Editors

Buccal delivery is an alternative route of administration for either local delivery to the oral cavity or systemic release. The buccal route offers many advantages over conventional routes of drug delivery with an improved bioavailability at smaller doses than oral formulations due to the avoidance of degradation in the gastrointestinal tract and hepatic first-pass metabolism. Drugs can reach the systemic circulation directly through the capillary vessels, bypassing the first-pass metabolism in the intestine and liver or avoiding inactivation in the stomach. This Special Issue aims to present current state-of-the-art in buccal delivery of small and large molecules focusing on physiology, pharmacology, pathology, and formulation design. We invite research scientists from the academia and pharmaceutical industry to submit original research articles or review articles.

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