

Special Issue

Nasal Nanotechnology: What Do We Know and What Is Yet to Come?

Message from the Guest Editors

This Special Issue is addressed to researchers who are investigating different aspects related to the intranasal administration of drugs and bioactive molecules. It is well known that the nose can be an administration site for different therapeutic purposes: from local treatment to systemic adsorption and to the more recent application for brain targeting, as well as through the olfactory and trigeminal nerve pathways. This strategy allows drugs to reach the brain quickly by evading the BBB, showing a fast onset of action and fewer systemic side effects. This Special Issue will consider manuscripts dealing with the nasal administration of drug formulations for different therapeutic purposes. Particularly, devices used for nasal administration in preclinical studies represent a growing area of interest for distinguishing internal nasal regions that have been reached. Original research and review articles are welcome. Research areas may include (but are not limited to) the following: local pathologies such as infectious and non-infectious diseases; systemic effect; and brain targeting. We look forward to receiving your contributions.

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