



Natural Products and Oral Health: Challenges and Opportunities

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Message from the Guest Editors

Recently, attention has been paid to polyphenols and their positive effects against cancer and related diseases in human trials, due to their antioxidant, anti-inflammatory or anti-proliferative activities. Therefore, the use of bioactive compounds extracted from natural sources with biological properties may be an approach to prevent/treat oral cancer and, most importantly, discover new potential compounds. Importantly, targeting metabolic, oxidative stress and mitochondrial pathways could provide cancer-selective natural compounds. However, the orally absorbed bioactive compounds concentration is often low, avoiding an acceptable therapeutic effect. Other drawbacks regarding the pharmacokinetics (PK) profile or stability across the gastrointestinal tract (GIT) may occur. Encapsulation could be a strategy to prevent such problems and improve buccal delivery.

This Special Issue of IJMS invites research articles, reviews and opinion reviews on fascinating advancements in the area of the efficacy of natural compounds for oral cancer and its related complications.





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Message from the Editor-in-Chief

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