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Targeting ncRNAs by plant secondary metabolites: The ncRNAs game in the balance towards malignancy inhibition

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Abstract

The current trend of combining *state of the art* technologies with quondam treatments in order to overcome existing gaps in clinics determined an increased interest into polyphenols, common dietary phytochemicals, for the prevention and treatment of chronic diseases, especially cancer. The reemergence of polyphenols in the cancer field is sustained by transcriptomics technologies able to identify coding and non-coding genes and their related signaling pathways modulated by natural compounds. Identification of the structural correspondence between interacting molecules will allow the development of more targeted and informed therapeutic strategies for cancer management.

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