



Molecular Mechanisms Involved in The Chemopreventive and Anticancer Activity of Pentacyclic Triterpenes

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Message from the Guest Editor

Dear colleagues,

Natural compounds may offer advantages over synthetic ones in terms of fewer and less severe side effects as well as reduced drug resistance. This Special Issue is dedicated to the investigation of molecular mechanisms involved in the anticancer activity of pentacyclic triterpenes and their semisynthetic derivatives based on in vitro and in vivo studies. Pentacyclic triterpenes are secondary plant metabolites found in a wide variety of species with documented anti-inflammatory, anticancer, analgesic, and immunomodulatory effects. The chemical scaffold of pentacyclic triterpenes provides a promising platform for the synthesis of semisynthetic derivatives with improved pharmacokinetics and bioavailability.

This Special Issue will collect a selection of recent research topics and current review articles related to the molecular mechanisms involved in the anticancer effects of pentacyclic triterpenoids in order to update the current knowledge in this field. Original papers, up-to-date review articles, short communications, and commentaries are all welcome.





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Message from the Editor-in-Chief

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