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SIMILAR**Name of Journal:** *World Journal of Clinical Cases***Manuscript NO:** 53911**Manuscript Type:** REVIEW**Prophylactic and therapeutic roles of oleanolic acid its derivatives in several diseases**Sen A *et al.* OA and derivaties as therapeutic agent

Alaattin Sen

Abstract

Oleanolic acid (OA) and its derivatives are widely found in diverse plants and are naturally effective pentacyclic triterpenoid compounds with broad prophylactic and therapeutic roles in various diseases such as, ulcerative colitis, multiple sclerosis, metabolic disorders, diabetes, hepatitis and different cancers. This review assembles

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Recently, there has been a surge of interest in the **therapeutic potential** of **oleanolic acid (OA)** in the prevention and management of chronic diseases. **Oleanolic acid** is a **pentacyclic triterpenoid** widely found in plants, including fruits and vegetables with different techniques and chromatography platforms being **employed in its extraction** and isolation.

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Antiviral Activities of Oleanolic Acid and Its Analogues

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Sep 09, 2018 · **OA** was an important compound in many traditional Chinese hepatic protective drugs, and was considered to play a **therapeutic role** in **many diseases**. Indeed, *Plantago major* L., a well-known traditional Chinese remedy, has been used for the **treatment of many diseases** ...

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Oleanolic acid and its derivatives possess **several** promising pharmacological activities, such as **hepatoprotective effects**, and **anti-inflammatory**, antioxidant, or anticancer activities. With the recent elucidation of **its biosynthesis** and the imminent commercialization of the first **oleanolic acid-derived drug**, the **compound** promises to remain important for various studies.