

## عنوان مقاله:

Nanocurcumin as a replacement for curcumin against cancer and inflammation

## محل انتشار:

دومین کنگره بین المللی علوم و فناوری نانو (سال: 1387)

تعداد صفحات اصل مقاله: 1

## نویسندگان:

Rouhollah Mousavizadeh - *Nanomedicine & Tissue Engineering research center; Shaheed Beheshti university of Medical Sciences; Tehran; Iran*

;Mohsen Janmaleki

;Mohammad Marandi

Habibollah Peirovi

## خلاصه مقاله:

Curcumin is a polyphenol compound derived from the rhizome of the herb *Curcuma longa* which exhibits various properties such as anti-tumoral and anti-inflammatory effects. However clinical application of this compound is limited because of poor absorption, rapid metabolism and rapid systemic elimination. Numerous methods are developed to improved bioavailability of curcumin. Nanoparticle-based drug delivery methods are the promise for improving efficacy of bioavailability of low soluble drugs such as curcumin. Nanocurcumin can be dispersed in aqueous media easier than free curcumin and seems that have similar effects on the cell and more therapeutic efficiency on cancer and other diseases. In this article we would present some potential therapeutic applications of this modified form of curcumin

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/163672>

