

Title (en)
A METHOD AND A COMPOUND FOR PREVENTING MAMMALIAN CANCER CELL PROLIFERATION AND FOR TREATING CANCER

Title (de)
VERFAHREN UND VERBINDUNG ZUR VORBEUGUNG VON KREBSZELLPROLIFERATION BEI SÄUGERN UND ZUR BEHANDLUNG VON KREBS

Title (fr)
MÉTHODE ET COMPOSÉ POUR LA PRÉVENTION DE LA PROLIFÉRATION DE CELLULES CANCÉREUSES DE MAMMIFÈRES ET POUR LE TRAITEMENT DU CANCER

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Application
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Abstract (en)
[origin: WO2021023914A1] A composition and a method for use in suppressing growth and/or proliferation of cancer cells in vivo and in vitro is provided. The composition includes an alcoholic lignan extract prepared from coniferous species optionally in combination with betulonic acid or betulinic acid. The composition inhibits growth and/or proliferation of at least prostate and melanoma cancer cells in vitro. Combination of the alcoholic lignan extract and betulonic or betulinic acid has a synergic effect specifically in inhibition of melanoma and prostate cancer cell proliferation and toxicity. Oral daily administration of the composition decreases or in some cases abolishes tumors of patients with breast cancer, brain cancer or colon cancer. The composition is suitable for use in cancer treatment in pet animals as well.

IPC 8 full level
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