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The skin whitening effect of chondroitin Sulfate and Phellinus Linteus Mushroom in vitro and vivo

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ABSTRACT

To develop cosmetic ingredient with skin aging process slowdown and skin whitening functions, we investigated free-radical extinction effect, antioxidation and tyrosinase activity inhibition effect in vitro

Also in vivo, we examined melanin elimination on rabbit back skin.

As a result, we found that chondroitin sulfate and phellinus linteus mushroom reduced melanin pigment significanty and inhibited free radical production and oxidation