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(54) Title: A PURIFIED ARABINOGALACTAN-PROTEIN (AGP) COMPOSITION

(57) Abstract: A purified Arabinogalactan-Protein (AGP) composition isolated through a selective method from the leaves and/or stems of *Argemone mexicana* plant is described. Also described is a purified Arabinogalactan-Protein (AGP) composition isolated from the leaves and/or stems of *Argemone mexicana* plant, which has one or more of the following effects: immunosuppression, lymphoproliferation inhibition, cytokine modulation such as IL-2 inhibition, IFN- γ inhibition, or IL-10 induction; keratinocyte proliferation inhibition, keratolytic activity and inhibitory activity in louse Ear Swelling test (MEST).

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