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(54) Title: PHYTOCHEMICAL COMPOSITIONS AND TECHNIQUES FOR IMMUNOMODULATION, INCLUDING ANTI-PATHOGEN AND ANTI-AUTOIMMUNE-DISORDER IMMUNOMODULATION

(57) Abstract: A phytochemical anti-pathogen/anti-cancer composition is provided that includes an extract of mangosteen; an extract of defatted soybean; an extract of gotu kola; and optionally an extract of black sesame, where an amount of the extract of black sesame is controlled relative to an amount of the extract of gotu kola, or an amount of a combination of the extract of rriangosteen, the extract of defatted soybean, and the extract of gotu kola, in order to preferentially support antipathogen/ anti-cancer immunomodulatory effects. A phytochemical anti-autoimmune disorder composition containing the same four ingredients, where an amount of the extract of gotu kola is controlled relative to the amounts of the other extracts is also provided. The two compositions can support or provide antipode immunomodulatory effects relative to each other.



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