

Review on potential therapeutic effect of *Morinda citrifolia* L.

ABSTRACT

Morinda citrifolia L. is traditionally being used as medicinal herb in Polynesia. Previous studies have reported that this plant can be used as a medicinal plant to prevent and cure several diseases. In this paper, recent research regarding the potential therapeutic effect of *M. citrifolia* is reviewed. This plant includes broad range of therapeutic effect such as anti-diabetic effects, antibacterial activity, anti-cancer and antioxidant activity. The presence of antioxidant properties and phenolic compound in *M. citrifolia* were demonstrated as anti-diabetic effects and antibacterial agents, respectively. Besides, *M. citrifolia* act as anti-cancer properties because it enhanced the host of immune system. The primary aim of this paper is to review available information on potential therapeutic effects and nutritional advances related to *M. citrifolia*.

Keyword: Therapeutic effect; *Morinda citrifolia* L.; Medicinal herb; Immune system