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Lepidium peruvianum chacon restores homeostasis impaired by restraint stress.

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Lepidium peruvianum root has been traditionally utilized by native Peruvians, since before the time of the Incas, for both nutritional and putative medicinal purposes as an adaptogen and also to enhance fertility in humans and animals. The present research was conducted to evaluate the anti-stress activity of the methanolic extract of *Lepidium peruvianum*. The drug is capable of attenuating or even eliminating variations in homeostasis produced by stress since it reduces or abolishes stress-induced ulcers, elevated corticosterone levels, the reduction of glucose and the increase in the weight of adrenal glands produced by stress. It also eliminates the decrease in free fatty-acids (FFA) in plasma produced by stress and we obtain a positive result in the forced-swimming test. Thus, it did not appear to affect restraint stress-induced immunosuppression.

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