

Wound Healing, Anti-Inflammatory and Antioxidant Potential of Moringa Oleifera

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Present study deals with evaluation of continuous heat extracted fraction of Moringa oleifera leaves for antioxidant, wound healing and anti-inflammatory activity in albino wistar rats. The antioxidant activity was carried out by conventional DPPH radical scavenging method, wound healing activity was performed by considering incisions, anti-inflammatory activity was carried out by using carageenan induced rat paw oedema method. The wounds treated with experimental extract showed faster wound closure (24-27 days) and epithelization as compared to wound under untreated group (more than 30 days). The different diluted extract showed antioxidant activity in range of 16.24% to 32.78%. The extract showed significant anti-inflammatory activity as compared to standard reference drug: Ibuprofen. The results revealed that the anti-inflammatory activity possibly attribute to its free radical scavenging property.

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