

***In vitro* Antibacterial Activity Assessment of the crude Phenolic, Alkaloid and Terpenoid compounds extracts of *Lepidium sativum* L. on Human Pathogenic Bacteria**

Ali Hussein Al-Marzoqi^{1*}, Nebras M. Sahi Al-Khafaji¹
and Hussein J. Hussein¹

College of Science for women, Babylon University, PO box 435, Al-Hillah city,
Babylon, Iraq.

Abstract : Objective: To reveal the effect of the crude phenolic, alkaloid and terpenoid compounds extracts of *Lepidium sativum* L on some Human Pathogenic Bacteria.

Methods: Antibacterial activities of the crude Phenolic, Alkaloid and Terpenoid of medicinal plant were determined *in vitro* by agar well diffusion-method against some human pathogenic bacteria.

Results: obtained results showed that active compounds of *Lepidium sativum* L had wide spectrum antibacterial activity against gram-positive and gram-negative bacteria.

Conclusion: This study demonstrates that we can conclude that the effect of active compounds in same plant has different effect on different pathogenic organisms in different concentration.

Keywords: Antibacterial Activity; *Lepidium sativum* L; Pathogenic Bacteria.

Ali Hussein Al-Marzoqi *et al* /International Journal of ChemTech Research, 2016,9(4),pp 529-532.
