

Phytochemical, antimicrobial and antioxidant assessment on *Ononis pubescens*

Students:

Sameer Nashat Ghonaim

Aseel Nashat Abu Mokh

Jehan Majdi Abo Mokh

Supervisor:

Dr. Nidal Jaradat

Abstract:

Antimicrobial activity was tested against the selected strains from American Type Culture Collection (ATCC) and clinical isolates using minimum inhibitory concentration (MIC) assay, while anti-oxidant activity was analyzed using the 2,2-diphenyl-1-picrylhydrazyl (DPPH) free radical scavenging method.

Results:

The results showed remarkable potentials of antioxidant and antimicrobial activities.

Conclusion:

Our results showed that the studied plant has antioxidant and antimicrobial activity. Further studies are needed to identify and characterize these constituents.