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In vitro antioxidant and antimicrobial activities of *Cyclamen africanum* Boiss. & Reut

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Cyclamen genus (*primulaceae*) is represented by 22 species distributed in parts of Europe, Western Asia and part of North Africa. Many species of this genus are used in traditional and folk medicine as antifungal and antiwarts; also they are used for the treatment of rheumatism, migraines and various skin diseases.

In the present study we investigate the antioxidant and antimicrobial activities of *Cyclamen africanum* Boiss & Reut (endemic species to the North Africa) extracts using DPPH and disc diffusion method, respectively.

The obtained results showed that the dichloromethane, methanol and methanol-water extracts exert a low antioxidant activity; while the methanol extract shows the best antioxidant potential, with 70.44% radical scavenging activity. Meanwhile we observed that there is no significant antimicrobial activity for all extracts tested.

Biography

Wissam Mazouz has completed her Higher Studies in Biochemistry at the age 21 years from Larbi Ben Mhidi University. She prepares a Magister in Applied Biochemistry "Biochemistry of Natural Products".

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