

CO-ORGANIZED EVENT

International Conference on **Chronic Diseases**

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Study and medical evaluation, antibacterial and anti-corrosion of extracts of celery seeds apium graveolens.L

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The essential oils used since antiquity as therapeutic agent against various affections attract the interest of the scientists more and more. The family of Apiaceae is one of the families richest in essential oils. The study of essential oils is carried out on the species *Celery graveolens. L* (celery) of the area of Marrakech extracted by the method of Hydro-distillation with an output of 1.2%. According to the analyses carried out at the laboratory of biotechnology environment and quality: analysis of chromatographic in gas phase and the inhibition of corrosion on C35 steel in HCl 1M. Moreover, the effect antibacterial of essential oil was examined on 5 bacterial strains as well as the inhibiting minimal concentration (CMI), which will be used to us as a basis for our experimental part.

Biography

I am Amine El Mostaphi aged 28 years studying at the faculty ibn tofail of kenitra in morocco in 4th year doctoral. Supervised by Professor Mohammed Ouhssine who publishes 30 articles he is also director of a consumer protection association.

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