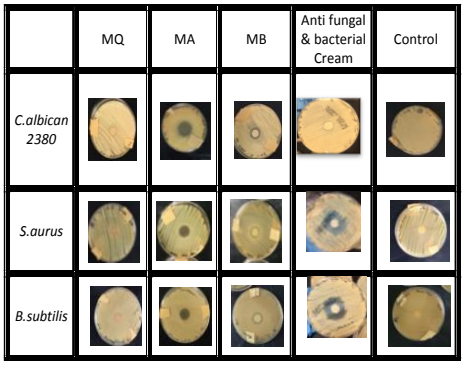
Antagonistic effect of Natural Musk on different types organisms

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Abstract

Musk is known to have been used in medicine and as a fragrance for over 5000 years.Muscone (3-methylcyclopentadecan-one-1) is the active component in musk, which also is the cause for the odor and has medicinal properties.This study investigates the antagonistic effect of Anti fungal & bacterial Cream and different natural type {Musk (M.Q) , Black Musk (B.M) } and chemical Musk {white Musk (W.M) , cream Musk (M.C) } on some microorganisms.The types of yeast *Candida albicans* HVS and the bacteria strains include *Staphylococcus aureus*, *Bacillus subtilis*, were tested by means of disk diffusion, Results indicated that Musk has inhibitory effects on the growth of study microorganisms Musk contains active substances similar to antibiotic, alkaloids and volatile oils present in them as they have the ability to stop the growth of many microorganisms.The effect of natural musk was higher than the effect synthetic musk , And the microbes were the most sensitive to musk is *Bacillus subtilis*. As for anti-microbial creams, the effect of the anti-bacterial cream was more effective in their suppression compared to all kinds of musk unlike the anti-fungal cream which gave a negative result
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Image



Recent Publications

1. Amal A, *etal* (2018) Citric Acid Fermentation by *Aspergillus niger*. JIPBS, Vol 5 (4), 20-37.
2. Amira M, Amal A (2008) Evaluation of antifungal activity of vitavax and Trichoderma viride against two wheat root rot pathogens. Journal of Applied Biosciences (2008), Vol. 6: 140 - 149.
3. https://www.ncbi.nlm.nih.gov/nuccore/MH368137.1?report=genbank&to=535

Biography

Assistant Professor, Microbiology,College of Science, King Saud University 10 years ago.My personality is optimistic and positive, my research interests to be address environmental problems and take advantage of all the waste and raising awareness among the public to contribute to the friendship of the environment.

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Notes/Comments:

Thank you very much for allowing us to participate in the conference.