

Poster

Presentation

Study of Antimicrobial Activity of Camel Milk

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ABSTRACT

This study attempts to better know the camel milk by determining the physicochemical and microbiological composition by comparing it to the cattle. It aims to enhance its antimicrobial activity towards some pathogenic strains. The result showed that the bacterial load is lower in camel milk than in cow's milk. The bactericidal tests have shown that camel milk and his casein has antimicrobial activity towards *Esherichia Coli*, *Staphylococcus aureus*, *Streptococcus* and *Klebsiella pneumoniae*. These results suggest that camel milk has a good microbiological quality and antimicrobial activity due to its richness in protective proteins such as casein.

Keywords: *camel milk, microbiological activity, strains*