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Research Article

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Isolation and characterization of probiotic bacteria from fruit pulp, screening of probiotic properties and production of bacteriocin and probiotic curd

Published On: July 19, 2023 | Pages: 033 - 042

Author(s): Dhanvanti B Kamaliya, Bhumi M Javia, Megha S Gadhvi and Dushyant R Dudhagara*

The present study was investigated to isolate probiotic lactic acid bacteria from *Actinidia deliciosa* (kiwi fruit) pulp. A total of eight isolates were found and two of them were probiotic LAB strains. The both A2 and A5 isolates strains were Gram-positive, catalase and oxidase negative, non-spore forming, non-motile, rod or short cocci shaped bacteria. The A2 and A5 ...

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Evaluation of the toxicity of aqueous extracts of *Aframomum melegueta*, *Picralima nitida*, and *Garcinia cola* in Wistar rats

Published On: May 11, 2023 | Pages: 028 - 032

Author(s): Kabongo TJB, Luvingsa LA, Ngoie MP, Musuyu MD, Musunga MA, Kabamba MW and Pyana PP*

In order to determine the risks to human health associated with the use of certain medicinal plants, including *Aframomum melegueta*, *Garcinia kola* and *Picralima nitida* in a preclinical evaluation of the resistance, a pool of these three aqueous extracts was given once daily for ten days by gavage in Wistar rats. Haematological and biochemical analyzes after oral admini ...

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Some aspects of physiological studies of two reef building corals in the red sea

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Author(s): Yahya AM Floos* and Abdulmohsin AAI-Sofyani

Some aspects of the physiology of the corals *Seriatopora hystrix* and *Lobophyllia corymbosa* described in this paper. At the study site, the lowest mean of seawater temperature is 27.42 °C and 27.17 °C at 5m and 10m depths respectively during winter, while the maximum mean of seawater temperature was 32.67 °C and 31.17 °C in 5 m and 10 m depths respectively during summer ...

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Literature Review

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Updates in management of abdominal sepsis

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Author(s): Mirla Fontes de Araujo Borges, Roosveni de Sousa Lacerda, Igor de Sousa Oliveira and Sávio Benvindo Ferreira*

Sepsis is an organ dysfunction caused by a disproportionate host response to infection. The condition is responsible for 1 in every 3 admissions to an intensive care unit (ICU) and about 6 million deaths worldwide. As a result of the imbalance in the inflammatory response, immune dysfunction, mitochondrial damage and other pathophysiological processes, sepsis progress ...

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