Escherichia coli Viability in Coastal Marine Environments: A Case Study

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Background: The assessment of the bacteriological quality of coastal marine waters through the search of Escherichia coli as an indicator of fecal pollution is a topic of public concern. The context and purpose of the study: During a coastal monitoring program, the abundance and distribution of the actively respiring and dead fraction within the total E. coli populat ...

Effect of Immobilized Proteases on Bacterial Growth and Cell Adhesion on Polypropylene Surfaces

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The bacterial planktonic growth and the removal of bacterial cells grown on polypropylene surface coated with covalently immobilized proteases (subtilisin Carlsberg or -chymotrypsin) was investigated for Enterococcus hirae, Staphyloccocus epidermidis and Eschericha coli. Immobilization of both proteases on plasma-treated polypropylene was carried out using as cross-li ...

Multipleloci Variable-number Tandem Repeat Typing of Clinical Mycobacterium tuberculosis Isolates from Zunyi, Guizhou Province of China
Introduction: Due to the emergence of multidrug/extensively drug-resistant TB and the lack of new anti-TB drugs, tracing the infectious source and monitoring the transmission of drug-resistant TB strains have become critically important. ...