The Antibiotic Resistance Patterns of Klebsiella pneumoniae Clinic Isolates: A Comprehensive Meta-Analysis

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Background/Purpose: Recently, Klebsiella pneumoniae has become a health care concern due to its production of extended-spectrum beta-lactamase (ESBL) and its resistance to carbapenem. ...

New Methods to Remove Rhizoplane Bacterial DNA of Banana

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Author(s): Miaomiao Yin, Mingyue Wang, Hongming Tan and Lixiang Cao*

The aim of this study was to evaluate the effects of different surface sterilization protocols on retained rhizoplane bacterial DNA of banana. Viable rhizoplane bacteria and bacterial DNA copies of banana roots were treated with four sterilization agents: ...

Illumina Based Analysis of Bacterial and Fungal Flora in Foreguts and Hindguts of Crucian Carp (Carassius Auratus) in Retail Markets

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Author(s): Mingyue Wang, Miaomiao Yin, Hongming Tan, and Lixiang Cao*

The intestinal microbiota of fish are the major cause for spoilage. To elucidate the bacterial and fungal community of
guts, the bacterial and fungal taxa in foreguts and hindguts of crucian carp (Carassius aumtus) were analyzed by Illumina-based sequencing ...

To Find out the Essentiality of Rv0526 Gene in Virulence of Mycobacterium tuberculosis by using In silico Approaches

Tuberculosis has emerged as a major world health problem, with almost one-third of the world population today infected with Mycobacterium tuberculosis H37Rv (M. tuberculosis). This gram-positive bacterium makes so many complications in its eradication completely. ...