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Research Article

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

Published On: February 20, 2017 | Pages: 021 - 026

Author(s): Elmas Pnar Kahraman* and Hsian Hakk Çiftçi

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. ...

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New Methods to Remove Rhizoplane Bacterial DNA of Banana

Published On: February 16, 2017 | Pages: 016 - 020

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: ...

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

Published On: January 23, 2017 | Pages: 001 - 006

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 auratus*) were analyzed by Illumina-based sequencing ...

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Review Article

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

Published On: February 11, 2017 | Pages: 013 - 015

Author(s): Shivangi, Amjad Beg, Swati Meena and Laxman S Meena*

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. ...

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Prominent Role of FnBPs of *Mycobacterium Tuberculosis* in Cell Adhesion, Immune Invasion and Pathogenesis

Published On: January 25, 2017 | Pages: 007 - 012

Author(s): Nikita Kevlani and Laxman S Meena*

An asymmetrical sharing of adhesion molecules throughout the cell surface of the *M. tuberculosis* and their significant associative role in host-pathogen interaction remains elusive. The continual researches in host-pathogen interaction mechanism revealed certain potential adhesins that facilitates *ycobacterium* adherence to host cells surface. ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/ojb.000002