2018 | Volume Volume - 1 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:OJB-1-105

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 hsan Hakk Çiftci

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. ...

Abstract View Full Article View DOI: 10.17352/ojb.000005

Open Access Research Article PTZAID:OJB-1-104

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: ...

Abstract View Full Article View DOI: 10.17352/ojb.000004

Open Access Research Article PTZAID:OJB-1-101

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 fi sh 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 ...

Abstract View Full Article View DOI: 10.17352/ojb.000001

Review Article

Open Access Review Article PTZAID:OJB-1-103

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. ...

Abstract View Full Article View DOI: 10.17352/ojb.000003

Open Access Review Article PTZAID:OJB-1-102

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 signifi cant 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