PCR-Based Method for Rapid and Minimized Electrochemical Detection of meca Gene of Methicillin-Resistant Staphylococcus aureus and Methicillin-Resistant Staphylococcus epidermis

Published On: November 20, 2015 | Pages: 008 - 012

Author(s): Tomohiko Ikeuchi, Masafumi Seki*, Yukihiro Akeda, Norihisa Yamamoto, Shigeto Hamaguchi, Tomoya Hirose, Keiichiro Yamanaka, Masato Saito, Kazunori Tomono and Eiichi Tamiya

Increasing isolation of multidrug-resistant Acinetobacter baumannii (MDR) has been reported in worldwide and it is recently one of the most difficult nosocomial acquired gram-negative pathogens to control and treatment. These bacteria are one of ESBL producing that great potential have for the rapid development of antibiotic resistance. Use of medicinal herbaceous drug ...
**Pivmecillinam Treatment of Community-Acquired Uncomplicated Pyelonephritis Based on Sparse Data**

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Author(s): Filip Jansaker*, Frederik Boetius Hertz, Niels Frimodt-Moller and Jenny Dahl Knudsen

Background: Pivmecillinam has good pharmacokinetic properties for treatment of infections in the urinary tract, and the mecillinam resistance rate in Enterobacteriaceae is very low. In a European guideline pivmecillinam is recommended as a first-line drug for treatment of lower urinary tract infections. In Danish and Norwegian guidelines pivmecillinam is also recomme...
Quorum Sensing in Bacterial Pathogenesis

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Author(s): Hossein Saghi, Fateme Moradi, Razieh Mohseni, Amir Hossein Abadi, Ramezan Ali Ataee, Parnia Baban Zadeh, Maryam Meskini, and Davoud Esmaeili*

Introduction: Quorum sensing (QS) in the word means a gathering or a fixed number of objectives and say the microbes sense of awareness of the presence of bacteria and their community is. Bacteria in social life, the greatest benefit from the competitive environment to get the genetic regulatory mechanisms they use. ...

Sero-Prevalence of Hepatitis B and Hepatitis C Viruses among Tuberculosis Patients in Kassala, Eastern Sudan

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Author(s): Tajeldin M Abdallah*, Mubarak I Idriss, Alzubair M Ahmed, Abdel-Aziem A Ali and Osman K Saeed

Background: Hepatitis B (HBV) and hepatitis C (HCV) virus infection is a major concern among tuberculous (TB) patients, thus early screening of these viruses will influence the outcome of the disease. ...
A Literature Review of Inflammation and Its Relationship with the Oral Cavity

Published On: November 04, 2015 | Pages: 001 - 007

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Objective: This article presents a literature review which relates the processes, interactions, classification and the vascular and clinical characteristics of inflammation relating it with the oral cavity and describing the main cell types and chemical mediators used for its establishment. ...