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In this issue

Research Article

Open Access Research Article PTZAID:OJB-4-116

Purulent pleurisy in children

Published On: October 01, 2020 | Pages: 028 - 032

Author(s): Mouad Fatima Zahra*, Elmoussaoui S, Elfakiri K, Rada N, Draiss G, Soraa N and Bouskraoui M

Introduction: The incidence of purulent pleurisy is on the rise in several series in the literature. It is a significant cause of morbidity in pediatrics. The main objective of our study is to analyze the epidemiological characteristics and the prognosis of purulent pleurisy of the child. Material and methods: We conducted an 11-year retrospective study (2008-2019), ...

Abstract View Full Article View DOI: 10.17352/ojb.000016

Open Access Research Article PTZAID:OJB-4-115

Neonatal pneumococcal meningitis

Published On: September 07, 2020 | Pages: 024 - 027

Author(s): FZ Mouad*, Bennaoui F, N El Idrisi Slitin, N Soraa and FMR Maoulainine

Neonatal pneumococcal meningitis is rare, but serious due to its high mortality and severe psychomotor and neurosensory sequelae. We report six cases of pneumococcal meningitis collected at the neonatal and neonatal resuscitation department of the CHU Mohamed VI, from January 2014 to July 2020. The aim of our work is to study the peculiarities, clinical, bacteriolog ...

Abstract View Full Article View DOI: 10.17352/ojb.000015

Open Access Research Article PTZAID:OJB-4-113

Mechanism of multi-resistant bacterial pathogenesis: MDR genes are not so deadly unless plasmid-mediated toxin, virulence and regulatory genes are activated

Published On: April 04, 2020 | Pages: 008 - 019

Author(s): Kousik Poria, Shampa Bhatta, Sanatan Das, Madhumita Dey, Chandan Halder, Sankalita Datta and Asit Kumar Chakraborty*

Mdr genes in association with many drug efflux and metal efflux genes are creating pathogenesis due to antibiotic void. However, most dangerous step occurred when R-plasmids and integrons (~2-9kb) were combined with F'-conjugative plasmid (62.5kb) creating large MDR conjugative plasmids that easily donated 6-15 mdr genes to gut microbiota as well as environmental bact ...

Abstract View | Full Article View | DOI: 10.17352/ojb.000013

Open Access Research Article PTZAID:OJB-4-112

Protein profiling as a tool for identifying environmental aerobic endospore-forming bacteria

Published On: March 12, 2020 | Pages: 001 - 007

Author(s): Paulo Henrique R Martins, Luciano Paulino da Silva, Juliana Capella de Orem, Maria Inês A de Magalhães, Danilo de Andrade Cavalcante and Marlene Teixeira De-Souza*

Aerobic Endospore-Forming Bacteria (AEFB) are taxonomically and physiologically diverse, comprising species of genus Bacillus and related genera of industrial and medical importance. For taxonomic purpose, we applied the matrix-assisted laser desorption/ionization mass spectrometry with time-of-flight to identify 64 environmental AEFB (SDF for Solo do Distrito Federal ...

Abstract View | Full Article View | DOI: 10.17352/ojb.000012

Review Article

Open Access Review Article PTZAID:OJB-4-114

Strategies of phage contamination prevention in industry

Published On: May 23, 2020 | Pages: 020 - 023

Author(s): Marcin Los*

Phages are potential cause of failure of bacteria-driven production processes. ...

Abstract View | Full Article View | DOI: 10.17352/ojb.000014