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In this issue

Research Article

Open Access Research Article PTZAID:JCMBT-3-125

Membrane and Secretory Protein Extraction of Mycobacterium Tuberculosis and Mycobacterium Bovis Using One Dimensional Electrophoresis (SDS-PAGE)

Published On: June 30, 2017 | Pages: 040 - 044

Author(s): M K Sharifi Yazdi, Mohammad Khalifeh-Gholi, H Choobineh, A Hadizadeh Tasbiti*, S Sharifi Yazdi and Sh Yari

Background & Aim: Despite the drug resistance M.bovis and Mycobacterium tuberculosis (MTB) are still regarded as two of the global health problems in the world. In the present study, a comparison was made between protein profi les of M.bovis and MTB in order to achieve effective biomarkers for diagnosis of TB. ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000025

Open Access Research Article PTZAID:JCMBT-3-124

Relationship between Il28b Gene Polymorphisms and the Risk of Hepatocellular Carcinoma Development within Vietnamese Hepatitis B Virus Carriers

Published On: June 22, 2017 | Pages: 035 - 039

Author(s): Ngo Tat Trung, Dao Phuong Giang, Dao Thanh Quyen, Mai Thanh Binh, Mai Hong Bang, Nguyen Linh Toan, Phan Quoc Hoan and Le Huu Song*

IL28B's SNPs are considered the most important host factors predicting the success of Peg-INF alpha/ribavirin based regimens against Hepatitis C virus (HCV) infection. ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000024

Open Access Research Article PTZAID:JCMBT-3-122

Evaluation of Preliminary Phytochemical Constituents and Antibacterial Activity of Edible Plants against Urinary Tract Infection Causing Bacteria in Children

Published On: April 22, 2017 | Pages: 024 - 030

Author(s): Arun Thangavel*, Omprakash Sahu, Saravanan Ponnappan, Abenezer Tadele, Gezahegn Abawa and Karthikeyan M

The present study is aimed to determine the preliminary phytochemical screening and antibacterial activity of acetone extract of the edible plants, Solanum nigrum (L.), Murraya koenigii (L.), Sesbania grandiflora (L.) against urinary tract infection causing bacteria in children. ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000022

Open Access Research Article PTZAID:JCMBT-3-121

Antimicrobial Resistance in Escherichia coli Isolates from Healthy Poultry, Bovine and Ovine in Tunisia: A Real Animal and Human Health Threat

Published On: March 20, 2017 | Pages: 019 - 023

Author(s): Mohamed Salah Abbassi*, Hajer Kilani, Mohamed Zouari, Riadh Mansouri, Oussama El Fekih, Salah Hammami and Noureddine Ben Chehida

A total of 174 E. coli isolates collected from healthy poultry, bovine and ovine recovered between December 2009 and June 2013 in different geographic location in Tunisia, were assessed and examinated for resistance to antimicrobial agents. ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000021

Open Access Research Article PTZAID:JCMBT-3-117

Identification of Bacterial Pathogens in Blood Specimens and Antibiotic Resistance Profiles of Acinetobacter Species in a University Hospital, Konya

Published On: January 19, 2017 | Pages: 004 - 008

Author(s): Selin Ugrakli, Emine Ülkü Okumu and Metin Dogan*

Acinetobacter species are important nosocomial pathogens because they can develop resistance to antibiotics and survive for a long time in the hospital environment. This study aimed to investigate the changes in antibiotic resistance profiles of Acinetobacter spp. strains isolated from blood speciemens of hospitalized patients in our hospital. ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000017

Review Article

Open Access Review Article PTZAID:JCMBT-3-120

Talins and Cancer

Published On: March 09, 2017 | Pages: 017 - 018

Author(s): Mohamed S Attia Gaballah, Zeinab A Hassan and Mahmoud Youns*

Talin is a large cytoskeletal adaptor protein that is an important component of focal adhesion complexes of adherent cells. It was originally identified as a component of focal adhesions and ruffling membranes of fibroblasts. ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000020

Open Access Review Article PTZAID:JCMBT-3-118

Impact of the “Omics Sciences” in Medicine: New Era for Integrative Medicine

Published On: January 25, 2017 | Pages: 009 - 013

Author(s): Noelia Clemente Plaza, Manuel Reig García-Galbis and Rosa María Martínez-Espinosa*

Background and objective: This work collects and analyses information about the evolution of medical practice during the last centuries. The main aim is to summarise new insights on “omics sciences” and their impact in medicine. ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000018

Open Access Review Article PTZAID:JCMBT-3-116

Allergenic Ribosomal P Proteins

Published On: January 07, 2017 | Pages: 001 - 003

Author(s): M Serdal Sevinc* and Hari M Vijay

Allergenic ribosomal P proteins have been isolated almost exclusively from allergenic mold species with the exception of one from almond. Presently, nine cloned ribosomal P proteins are listed as allergens in Allergen Nomenclature, WHO/IUIS database. They belong to either P1 or P2 protein families. ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000016

Case Report

Open Access Case Report PTZAID:JCMBT-3-119

The First Evidence of Epidemic Strain Clostridium Difficile (027/NAP1/BI) in Eastern Croatia

Published On: March 04, 2017 | Pages: 014 - 016

Author(s): Maja Tomi Paradžik*, Dijana Andri, Domagoj Drenjanevi and Jasminka Talapko

case of the first evidence of epidemic strain Clostridium difficile (027/NAP1 (BI) in a patient in Slavonia region (Eastern Croatia) is presented. Clostridium difficile infection presents the leading cause of the antibiotic-associated nosocomial diarrhea and colitis in the industrialized world. PCR-ribotype 027 is a hypervirulent strain with great epidemic potential ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000019

Mini Review

Open Access Mini Review PTZAID:JCMBT-3-123

An Account of Dengue Epidemics in Central India

Published On: May 09, 2017 | Pages: 031 - 034

Author(s): Priyanka Namdev, Rajesh K Mondal, Rupesh K Srivastava, Vandana Soni and Rajaneesh Anupam*

Dengue virus is one of most rapidly growing arthropod born viral disease in the world which has serious health and economic implications. ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000023