2021 | Volume Volume - 6 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:JCMBT-6-140

Detection of giardia lamblia genotypes in sewage and in stool samples in Israel

Published On: June 23, 2020 | Pages: 029 - 032

Author(s): Abidelfatah M Nasser*, Neta-Lee Benisti, Marina Taran-Benshoshan, Valeria Kravitz and Yeshayahu Nitzan

Giardia lamblia is a protozoan parasite which causes a severe disease called Giardiasis. This study was conducted to determine the prevalence of Giardia cysts in raw wastewater and its prevalence in the study community. Furthermore, the prevalence of assemblages A and B in sewage was compared with their prevalence in stool samples tested positive for Giardia. All wast ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000040

Open Access Research Article PTZAID:JCMBT-6-139

Microbiological controls in polyculture farming: A pilot case study in the Castellammare Gulf (Sicily)

Published On: May 11, 2020 | Pages: 014 - 028

Author(s): Caruso G*, Caruso R and Sarà G

Background: Integrated multi-trophic aquaculture (IMTA) experiences, based on the co-cultivation of two or more organisms, have proliferated in recent years; nevertheless, studies regarding the microbiological implications of these farming systems are not available yet. The context and purpose of the study: The microbiological conditions of shellfish and surrounding ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000039

Open Access Research Article PTZAID:JCMBT-6-136

Bacterial resistance genetic markers (fluoroquinolone, aminoglycosideo, macrolideo)

Published On: March 11, 2020 | Pages: 004 - 007

Author(s): Antonio Linkoln Alves Borges Leal*, Gabryella Karolliny Antunes Araujo and Samuel Martins Ribeiro Neto

Bacterial resistance is a natural biological phenomenon, defined as an ability to multiply the presence of high temperatures of antimicrobials reached in therapeutic doses. Currently, there has been a large increase in the number of deaths related to hospital infections, being closely linked to resistant microorganisms. Knowledge of the genes responsible for the expre ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000036

Open Access Research Article PTZAID:JCMBT-6-135

Microorganisms isolated from blood cultures in pediatrics clinic

Published On: January 29, 2020 | Pages: 001 - 003

Author(s): Metin Dogan*, Muhammed Yusuf Ozan Avc, Abdullah Akkus and Mustafa Bulut

Because of high mortality and morbidity, identifi cation of microorganisms causing sepsis is important for the treatment of the patient. Blood culture is the most valuable test for diagnosis and treatment. The aim of this study was to evaluate microorganisms isolated from blood cultures retrospectively. ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000035

Mini Review

Open Access Mini Review PTZAID:JCMBT-6-138

Towards a fast detection of microbial resistance to antibiotics

Published On: April 16, 2020 | Pages: 010 - 013

Author(s): Leonardo Venturelli, Anne-Céline Kohler and Sandor Kasas*

The antimicrobial resistance is the ability of bacteria and fungi to proliferate even in presence of antibiotic or antimycotic drugs [1]. In the last twenty years we have been witnessing a colossal increase in the antimicrobial resistance mainly due to the abuse and misuse of these compounds [2]. Although nowadays the use of antibiotics and antimycotics is more strict ...

Abstract View | Full Article View | DOI: 10.17352/jcmbt.000038

Open Access Mini Review PTZAID:JCMBT-6-137

COVID-19 and Kingdom of Saudi Arabia

Published On: April 09, 2020 | Pages: 008 - 009

Author(s): Saleh A Eifan* and Atif Hanif

The novel coronavirus disease originated from the Hubei Province of China in December 2019 [1]. The spread of infection is continuous across the world. Previously different human corona viruses like HCoV-229E, HCoV-OC43, HCoV-NL63 and HCoVHKU1 of animal origin (BAT) were known to cause respiratory illnesses in humans. ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000037