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In this issue

Research Article

Open Access Research Article PTZAID:JCMBT-6-141

Prevalence and molecular analyses of extended spectrum -lactamase producing uropathogens among pregnant women, Jigawa state, Nigeria

Published On: August 25, 2020 | Pages: 033 - 038

Author(s): Eze L Chinyere*, Sani M Nura, Gumel M Ahmad, Amoo F Kemi and Mujahid N Sani

The Extended Spectrum -Lactamase (ESBL)-producing uropathogens are of serious clinical concern worldwide. They are plasmid-mediated enzymes that are capable of hydrolysing virtually all -lactam antibiotics including oxyimino-cephalosporins and monobactams. In this study, the uropathogens and risk factors for Urinary Tract Infections (UTI), their antibiotic susceptib ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000041

Case Report

Open Access Case Report PTZAID:JCMBT-6-143

Colonic perforation in 91- year- old man with severe Covid-19 infection

Published On: December 24, 2020 | Pages: 041 - 043

Author(s): Khin Phyu Pyar*, Min Aung Shan, Soe Win Hlaing, Diwon, Zarni Htet Aung, Soe Min Aung, Nyan Lin Maung and Aung Phyoe Kyaw

A-91-year old man had severe Covid-19 infection (bilateral pneumonia, SaO2 85% on air). He was treated with antibiotics, oxygen, dexamethasone and convalescent plasma therapy. On day 28 symptom onset, he noticed abdominal distension without abdominal pain. CT abdomen revealed pneumoperitoneum. An area of perforation at colon with mucosal haemorrhage was seen in laparo ...

Abstract View Full Article View DOI: 10.17352/jcmbt.000043

Short Communication

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Magnetic hydrogel for the rapid elimination of environmental harmful ions

Published On: September 08, 2020 | Pages: 039 - 040

Author(s): Yoshihisa Namiki*

We have newly devised konjac glucomannan hydrogel pellets containing micrometer-sized iron particles and hydrotalcite powder [1], by which we can efficiently remove environmental harmful ions such as selenium, boron, fluorine and arsenic. Glucomannan hydrogel forms three-dimensional network which can stably immobilize these materials Figure 1. Iron Magnetic hydrogel (...

Abstract View Full Article View DOI: 10.17352/jcmbt.000042