

## Table of Contents

Volume 4 Number 3

July 2014

### **Metallo- $\beta$ -Lactamases: A Major Threat to Human Health**

E. K. Phelan, M. Miraula, C. Selleck, D. L. Ollis, G. Schenk, N. Mitić.....89

### **Leptin Causes the Early Inhibition of Glycolysis- and TCA Cycle-Related Genes in the Brain of Ob/Ob Mice to Restore Fertility**

C. F. Baptista, S. M. R. de Noronha, M. N. G. Ritto, E. H. da Silva Freitas, M. Pereira Júnior, M. A. Haidar, I. D. C. G. da Silva, S. A. A. C. de Noronha, M. T. Patriarca.....105

### **Expression of p27(Kip1), a Cyclin-Dependent Kinase Inhibitor, in Human Peripheral Blood Mononuclear Cells Is Inversely Associated with Potential Carcinogenic Risk in Obese Type 2 Diabetic Individuals Relative to Lean Normal Controls**

I. Eto.....114

### **Absence of Expression of OCT-2 in Gastric Cancer Cells**

J. P. Freire, M. E. Oliveira, M. C. Crujo, A. R. Fernandes, J. C. M. de Almeida, H. B. Castelo.....129

### **Endometrial Carcinogenesis and Molecular Signaling Pathways**

X. Y. Ma, C. X. Ma, J. H. Wang.....134

### **The Transcription Factors GATA-1 and GATA-4 Have Opposite Effects on DNA Expression Driven by an Amh Promoter**

D. W. Dresser.....150

### **Polymerase Chain Reaction Detection of ASFV Infection in Nigerian Indigenous Pig**

O. O. Oluwole, G. O. Omitogun.....159

### **TSC2 Deletions and Duplications: A Descriptive Study in Iranian Patients Affected with Tuberous Sclerosis**

H. Ramandi, S. M. H. Ghaderian, P. Toosi, S. H. Tonekaboni, A. Ebrahimi, N. Hatamnejadian.....163