

TABLE OF CONTENTS

Volume 2, Number 4, November 2012

Insights on the structural characteristics of NDM-1: The journey so far	
A. Saini, R. Bansal.....	323
Study of glyceraldehyde-3-phosphate dehydrogenase expression in the tumor process of: Breast, cervix and prostate cancers	
B. Elkhalfi, N. Senhaji, H. Benomar, A. Soukri.....	335
LCA studies for alkaline and enzyme catalyzed biodiesel production from palm oil	
P. Ravindra, S. Saralan, R. Abdulla.....	341
Characterization of serum complement activity in serum of the Komodo dragon (<i>Varanus komodoensis</i>)	
M. Merchant, D. Henry, R. Falconi, B. Muscher, J. Bryja.....	353
Measuring free tissue sulfide	
A. D. Ang, A. Konigstorfer, G. I. Giles, M. Bhatia.....	360
Use of a naturally occurring codon bias for identifying topoisomerase mutations in ciprofloxacin resistant <i>Escherichia coli</i> using PCR and future prospects with other bacterial genera: A pilot study	
S. Krishnan, D. Balasubramanian, B. A. Raju, B. S. Lakshmi.....	366
Elimination of a disulfide bridge in <i>Aspergillus niger</i> NRRL 3135 Phytase (PhyA) enhances heat tolerance and optimizes its temperature versus activity profile	
E. Mullaney, K. Sethumadhavan, S. Boone, X. G. Lei, A. H. J. Ullah.....	372
Using the RNA synthetic activity of glutamate dehydrogenase to illuminate the natural role of the enzyme	
G. O. Osuji, W. C. Madu.....	379
The activity and kinetic properties of cellulases in substrates containing metal ions and acid radicals	
G. Wang, X. W. Zhang, L. Wang, K. K. Wang, F. L. Peng, L. S. Wang.....	390
Determination of bacterial viability by selective capture using surface-bound siderophores	
M. L. Wolfenden, R. M. Sakamuri, A. S. Anderson, L. Prasad, J. G. Schmidt, H. Mukundan.....	396
Purification, characterization, and bioinformatics studies of phosphatidic acid phosphohydrolase from <i>Lagenaria siceraria</i>	
A. H. J. Ullah, K. Sethumadhavan, C. Grimm, J. Shockey.....	403
Inhibitors of protein kinases affecting cAMP-dependent proteolysis of GATA-6	
H. Ushijima, M. Maeda.....	411
Measuring phosphatidic acid phosphohydrolase (EC 3.1.3.4) activity using two phosphomolybdate-based colorimetric methods	
A. H. J. Ullah, K. Sethumadhavan, J. Shockey.....	416