

## TABLE OF CONTENTS

### Volume 3, Number 3, June 2012

<b>Molecular dynamics simulations of a DNA photolyase protein: High-mobility and conformational changes of the FAD molecule at low temperatures</b>	
K. Kholmurodov, E. Dushanov, K. Yasuoka.....	169
<b>Non-vesicle-bound free microRNAs could enter cells and affect gene expression</b>	
G. Wang, K.-B. Lai, B. C.-H. Kwan, K.-M. Chow, P. K.-T. Li, C.-C. Szeto.....	181
<b>Sulfotransferase 1A1 G638A polymorphism, cigarette smoking and bladder cancer risk in Taiwan</b>	
K.-H. Shen, C.-C. Wu, Y.-H. Wang, S. K. Huang, T. I. S. Hwang, C.-H. Yeh, G.-D. Juang.....	186
<b>Isolation and activation of collagenase from fish processing waste</b>	
S. M. Daboor, S. M. Budge, A. E. Ghaly, M. S. Brooks, D. Dave.....	191
<b>Vitamin C activation of the biosynthesis of epoxyeicosatrienoic acids</b>	
H. Jiang, F. E. Harrison, K. Jain, S. Benjamin, J. M. May, J. P. Graves, D. C. Zeldin, J. R. Falck, B. D. Hammock, J. C. McGiff.....	204
<b>An animal cell culture: Advance technology for modern research</b>	
R. Nema, S. Khare.....	219
<b>Protein quantitation using dyes obtained from plant materials</b>	
I. O. Adewale, O. R. Akinseye, A. I. Oduyayo.....	227
<b>Ribosomal proteins expression and phylogeny in alpaca (<i>Lama pacos</i>) skin</b>	
J. M. Bai, R. W. Fan, S. S. Yang, Y. K. Ji, J. S. Xie, C.-S. Dong.....	231
<b>Secretion and expression dynamics of a GFP-tagged mucin-type fusion protein in high cell density <i>Pichia pastoris</i> bioreactor cultivations</b>	
M. Sjöblom, L. Lindberg, J. Holgersson, U. Rova.....	238
<b><i>In vitro</i> activity of cationic peptides against <i>Neisseria gonorrhoeae</i> and vaginal <i>Lactobacillus</i> species: The effect of divalent cations</b>	
B. J. Moncla, T. A. Mietzner, S. L. Hillier.....	249
<b><i>Agrobacterium</i>-mediated transient transformation of <i>Pentalinon andrieuxii</i> Müll. Arg.</b>	
A. Yam-Puc, E. Avilés-Berzunza, M. J. Chan-Bacab, L. M. Peña-Rodríguez, G. Godoy-Hernández.....	256
<b>Interferon-gamma ELISPOT for the screening and diagnosis of latent tuberculosis infection in healthy population of China</b>	
Y. Peng, F. F. Yang, L. Zhou, M. G. Zhao, Y. Li, Y. H. Huang, J. Wang, L. R. Huang, D. Xie, Z. Q. Tu, W. L. Lin, J. H. Liu, Q. Zhong, X. M. Lai.....	259
<b>Influence of the temperature at the Black Sea ctenophores-aliens bioluminescence characteristics</b>	
M. Olga, T. Yuriy.....	269
<b>Purification and characterization of a gastrointestinal tract epithelial receptor for the adhesion factor of <i>Lactobacillus</i></b>	
X.-Y. Lin, Z.-H. Wang, Z.-X. Niu, J. Peng.....	274
<b>Extraction, purification and identification of surface adhesion ligand from <i>Lactobacillus</i></b>	
X.-Y. Lin, Z.-H. Wang, Z.-X. Niu, J. Peng.....	278
<b>The cloning of non-structural-1 (NS1) gene of H9N2 subtype of avian influenza virus in pGEX-4T-1 and pMAL-c2X plasmids and expression in <i>Escherichia coli</i> DH5<math>\alpha</math> strain</b>	
R. Soleimani, M. V. Marandi, M. B. Hashemi-Soteh, F. Hemmatzadeh.....	283
<b>Bioremediation of lead by lead-resistant microorganisms, isolated from industrial sample</b>	
S. Chatterjee, A. Mukherjee, A. Sarkar, P. Roy.....	290

The figure on the front cover is from the article published in Advances in Bioscience and Biotechnology, 2012, Vol. 3, No. 3, pp. 238-248 by Magnus Sjöblom, Linda Lindberg, Jan Holgersson and Ulrika Rova.