

# Journal of Medical and Bioengineering

## CONTENTS

---

### Volume 3, Number 1, March 2014

- Reproducibility Study of Prediction of Brain Tumors Response to Bevacizumab Treatment ..... 1  
*N. Behzadfar and H. Soltanian-zadeh*
- Model of Differentiation between Normal and Abnormal Heart Sounds in Using the Discrete Wavelet Transform ..... 5  
*S. M. Debbal*
- High-Resolution Computed Tomography Image Reconstruction in Sinogram Space ..... 12  
*Osama A. Omer*
- Protein Remote Homology Detection by Combining Profile-based Protein Representation with Local Alignment Kernel ..... 17  
*Bin Liu, Xiaolong Wang, Ruifeng Xu, and Buzhou Tang*
- In vitro Screening of Honey against *Enterococcus* spp. Biofilm ..... 23  
*Wen-Jie Ng, Kit-Yin Lim, Ju-Yee Chong, and Ka-Lok Low*
- Liver Cirrhosis Classification on M-Mode Ultrasound Images by Higher-Order Local Auto-Correlation Features ..... 29  
*K. Fujino, Y. Mitani, Y. Fujita, Y. Hamamoto, and I. Sakaida*
- The Effect of Dissolved Nitrate Toxicity on Folliculogenesis of the Pregnant Mice and Their Offspring ..... 33  
*M. Nabiuni, M. Rostami, M. Z. Alizadehnouhi, F. Lajevardi, and Z. Nazari*
- The Effect of Different Fractions of Chinese Herb Extract (Shuang Gu Tang) on BMP-3 Gene ex-pression Level of Mouse Bone Marrow Cell ..... 38  
*Pingsheng Tu, Xin Xie, Mingchui Fung, Yanxin Liu, Yuesen Zhi, and Ying-Ying Lee*
- The Study of Regeneration in Posterior Part of Aporetodea *Caliginosa* ..... 45  
*Parnian Jamshidi, Zahra Pishkahi, Latifeh Karimzadeh, Masoumehzaman Alizadehnohi, and Mohammad Nabiuni*
- Describing Wing Shape among *Culex Quinquefasciatus* Say (Diptera: Culicidae) Detected Positive and Negative for *Filaria* Using Relative Warp Analysis ..... 50  
*Judy P. Sendaydiego, Jessie M. Gorospe, Mark Anthony J. Torres, Ruben F. Amparado Jr., and Cesar G. Demayo*
- The Role of Urinary Cadmium and Lead Level on Pregnant Women Renal Function ..... 55  
*Adjar Wibowo, FIRRAR Artmi Rahaju, Rizky Taufan Firdaus, and Eko Suhartono*
- The Role of Cadmium in Proteins Glycation by Glucose: Formation of Methylglyoxal and Hydrogen Peroxide in Vitro ..... 59  
*Eko Suhartono, Triawanti, Amin Setyo Leksono, and M. Sasmito Djati*

Salivary Antioxidative Index in Newborns at Risk of Sepsis as Novel Parameter for Early-Onset Neonatal Sepsis.....	63
<i>Ari Yunanto, Rizky Taufan Firdaus, Triawanti, and Eko Suhartono</i>	
MAPKs Modulate RPE Responseto Oxidative Stress.....	67
<i>Zhaohui Wang, Thomas J. Bartosh, Min Ding, and Rouel S. Roque</i>	
Incidence of Breast Cancer in a Primary Hospital in Relation to ABO Blood Groups System .....	74
<i>Salem Abobaker and Muhammad Kamil</i>	