## Contents

International Journal of Bioscience, Biochemistry and Bioinformatics

## Volume 7, Number 1, January 2017

Optimization of the Laser/Cancer Treatment's Planning and Thermal Dosimetry Control	1
Mhamed Nour, Mohammed Bougataya, Karim El Guemhioui, Ahmed Lakhssassi	
Simulation of Transmembrane Potential Propagation in Normal and Ischemic Tissue Using Aliev-Panfilov Model	13
M. Mehdi Seyedebrahimi, Yesim Serinagaoglu	
Analysis of Advanced Complexity Metrics of Biomedical Ontologies in the Bioportal Repository	20
Yannick Kazela Kazadi, Jean Vincent Fonou-Dombeu	
Maintenance of Muscle Contraction Improves during Dynamic Exercise by Multi-channel Functional Electrical Stimulation with Time Shifting Stimulation	33
Rintaro Kamihira, Misato Kasuya, Yinlai Jiang, Shunta Togo, Masao Sugi, Hiroshi Yokoi	
Relation between Gene Content and Taxonomy in Chloroplasts	41
Bashar Al-Nuaimi, Christophe Guyeux, Bassam AlKindy, Michel Salomon, Jean-Francois Couchot	
A Hybrid Model for Tumor Radiotherapy Based on Kinetic Theory and Gene-Environment Network	51
Jinpeng Qi, Quan Gu, Tao Han	
Vegetation and Soil Properties Recovery, Biomass Accumulation after Limestone Quarry Restoration	58
Denis U. Austin	