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**In this issue**

**Research Article**

Open Access Research Article PTZAID:ABSE-1-104

## Nanoderm Extracellular Matrix for Reconstructive Surgery Applications

Published On: December 17, 2015 | Pages: 021 - 024

Author(s): Gabriel Molina de Olyveira*, Pierre Basmaji, Ligia Maria Manzine Costa, Gino Bruno Francozo, José Domingos da Costa Oliveira

Introduction: Bacterial cellulose (BC) can be used in wide area of applied scientific, especially for tissue regeneration and regenerative medicine, lately, bacterial cellulose mats are used in the treatment of skin conditions such as burns and ulcers, because of the morphology of fibrous biopolymers serving as a support for cell proliferation, its pores allow gas exc ...

Abstract View Full Article View DOI: 10.17352/abse.000004

Open Access Research Article PTZAID:ABSE-1-103

## Fabrication and Characterization of HER2 Cell Receptor-Targeted Indocyanine Green-Encapsulated Poly (Lactic-co-Glycolic Acid) Nanoparticles

Published On: September 28, 2015 | Pages: 015 - 020

Author(s): Yu-Hsiang Lee*, Yun-Han Lai

Introduction: The aim of this study is to fabricate and characterize human epidermal growth factor receptor 2 (HER2)-targeted indocyanine green (ICG)-loaded poly (lactic-co-glycolic acid (PLGA) nanoparticles (HIPNPs). ...

Abstract View Full Article View DOI: 10.17352/abse.000003

Open Access Research Article PTZAID:ABSE-1-102

## Coronary Artery Disease Diagnosis Using Supervised Fuzzy C-Means with Differential Search Algorithm-based Generalized Minkowski Metrics

Published On: June 08, 2015 | Pages: 006 - 014

Author(s): Hamid Reza Marateb*, Maryam Negahbani, Sanaz Joulazadeh, Marjan Mansourian

Introduction: Coronary Artery Disease (CAD), one of the leading causes of death, is narrowing the walls of the coronary arteries. Angiography is the most accurate but invasive and costly CAD diagnosis method associated with mortality. The aim of this study was to design a computer-based non-invasive CAD diagnosis system. ...

Abstract View Full Article View DOI: 10.17352/abse.000002

Open Access Research Article PTZAID:ABSE-1-101

## Investigation of Significant Features Based on Image Texture Analysis for Automated Denoising in MR Images

Published On: May 02, 2015 | Pages: 001 - 005

Author(s): Herng-Hua Chang*, Yu-Ju Lin

Introduction: In magnetic resonance (MR) image analysis, noise is one of the main sources of quality deterioration not only for visual inspection but also in computerized processing such as tissue classification, segmentation and registration. Consequently, noise removal in MR images is important and essential for a wide variety of subsequent processing applications. ...

Abstract View Full Article View DOI: 10.17352/pjbe.000001