RESEARCH ARTICLES
Next-generation resorbable polymer scaffolds with surface-precipitated calcium phosphate coatings
Jinku Kim, Maria Hanshella R. Magno, Ophir Ortiz, Sean McBride, Jing Xie, Joachim Kohn and Jeffrey O. Hollinger
Effect of porosities of bilayered porous scaffolds on spontaneous osteochondral repair in cartilage tissue engineering
Zhen Pan, Pingguo Duan, Xiangnan Liu, Huirun Wang, Lu Cao, Yao He, Jian Dong and Jiandong Ding
Selectivity of biopolymer membranes using HepG2 cells
Dongyuan Lü, Yuxin Gao, Chunhua Luo, Shouqian Lü, Qian Wang, Xianghong Xu, Shujin Sun, Chengzhi Wang and Mian Long

REVIEWS
Strategies for regeneration of components of nervous system: scaffolds, cells and biomolecules
Lingling Tian, Molamma P. Prabhakaran and Seeram Ramakrishna
Functionalized scaffolds to enhance tissue regeneration
Baolin Guo, Bo Lei, Peng Li and Peter X. Ma
Absorbable magnesium-based stent: physiological factors to consider for in vitro degradation assessments
Juan Wang, Christopher E. Smith, Jagannathan Sankar, Yeohseung Yun and Alan Huang

COMMUNICATION
Frontiers in regenerative medical materials
Jun Ma, Insup Noh, In-Seop Lee and Shengmin Zhang
SCOPE OF THE JOURNAL

Regenerative Biomaterials, the official journal of Chinese Society for Biomaterials is a fully open access, peer-reviewed journal. This journal is online only and aims to provide an international platform for researchers to share new ideas and research results in the field of biomaterials, especially the biomaterials in regenerative medicine. With its broad scope from the fundamental science of biomaterials to their potential clinical applications, the journal publishes high quality reviews, original research articles and communications.

Submissions: Authors must submit their manuscripts through the REGBIO’s online submission system at http://rb.oxfordjournals.org/. Exclusive submission is required. There is no submission fee.