Accepted Manuscript

Stable subcutaneous cartilage regeneration of bone marrow stromal cells directed by chondrocyte sheet

Dan Li, Lian Zhu, Yu Liu, Zongqi Yin, Yi Liu, Fangjun Liu, Aijuan He, Shaoqing Feng, Yixin Zhang, Zhiyong Zhang, Wenjie Zhang, Wei Liu, Yilin Cao, Guangdong Zhou

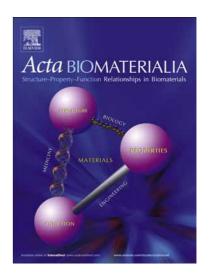
PII: S1742-7061(17)30202-7

DOI: http://dx.doi.org/10.1016/j.actbio.2017.03.031

Reference: ACTBIO 4799

To appear in: Acta Biomaterialia

Received Date: 16 September 2016 Revised Date: 16 February 2017 Accepted Date: 21 March 2017



Please cite this article as: Li, D., Zhu, L., Liu, Y., Yin, Z., Liu, Y., Liu, F., He, A., Feng, S., Zhang, Y., Zhang, Z., Zhang, W., Liu, W., Cao, Y., Zhou, G., Stable subcutaneous cartilage regeneration of bone marrow stromal cells directed by chondrocyte sheet, *Acta Biomaterialia* (2017), doi: http://dx.doi.org/10.1016/j.actbio.2017.03.031

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Stable subcutaneous cartilage regeneration of bone marrow stromal cells directed by chondrocyte sheet

Dan Li^{1, 2, a}, Lian Zhu^{1, a}, Yu Liu^{2, a}, Zongqi Yin^{1, 2}, Yi Liu³, Fangjun Liu⁴,

Aijuan He¹, Shaoqing Feng¹, Yixin Zhang¹, Zhiyong Zhang^{1, 2}, Wenjie Zhang^{1, 2},

Wei Liu^{1, 2}, Yilin Cao^{1, 2}, Guangdong Zhou^{1, 2, 4*}

¹ Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai Key Laboratory of Tissue Engineering, Shanghai, P.R. China.

*Corresponding author. Department of Plastic and Reconstructive Surgery, Shanghai 9th People's Hospital; 639 Zhi Zao Ju Road, Shanghai, China, 200011; Tel: +86-21-34291002x1104; Fax: +86-21-34292305; E-mail address: Guangdong Zhou: guangdongzhou@126.com

Running title: Subcutaneous cartilage regeneration of BMSCs directed by chondrogenic niche

² National Tissue Engineering Center of China, Shanghai, P.R. China.

³ Institute of Dermatology, Chinese Academy of Medical Sciences and Peking Union Medical College, Nanjing, P.R. China

⁴ Research Institute of Plastic Surgery, Plastic Surgery Hospital, Wei Fang Medical College, Weifang, Shandong, China

^a These authors contributed equally to this work.

Download English Version:

https://daneshyari.com/en/article/6449330

Download Persian Version:

https://daneshyari.com/article/6449330

<u>Daneshyari.com</u>