Accepted Manuscript

Full length article

Exogenous stromal derived factor-1 releasing silk scaffold combined with intraarticular injection of progenitor cells promotes Bone-Ligament-Bone regeneration

Yejun Hu, Jisheng Ran, Zefeng Zheng, Zhangchu Jin, Xiao Chen, Zi Yin, Chenqi Tang, Yangwu Chen, Jiayun Huang, Huihui Le, Ruijian Yan, Ting Zhu, Junjuan Wang, Junxin Lin, Kan Xu, Yiting Zhou, Wei Zhang, Youzhi Cai, Pioletti Dominique, Boon Chin Heng, Weishan Chen, Weiliang Shen, Hong-Wei Ouyang

PII: S1742-7061(18)30090-4

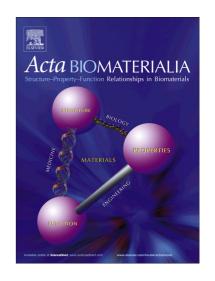
DOI: https://doi.org/10.1016/j.actbio.2018.02.019

Reference: ACTBIO 5324

To appear in: Acta Biomaterialia

Received Date: 2 July 2017

Revised Date: 12 February 2018 Accepted Date: 19 February 2018



Please cite this article as: Hu, Y., Ran, J., Zheng, Z., Jin, Z., Chen, X., Yin, Z., Tang, C., Chen, Y., Huang, J., Le, H., Yan, R., Zhu, T., Wang, J., Lin, J., Xu, K., Zhou, Y., Zhang, W., Cai, Y., Dominique, P., Chin Heng, B., Chen, W., Shen, W., Ouyang, H-W., Exogenous stromal derived factor-1 releasing silk scaffold combined with intra-articular injection of progenitor cells promotes Bone-Ligament-Bone regeneration, *Acta Biomaterialia* (2018), doi: https://doi.org/10.1016/j.actbio.2018.02.019

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

- 1 Exogenous stromal derived factor-1 releasing silk scaffold combined with
- 2 intra-articular injection of progenitor cells promotes Bone-Ligament-Bone
- 3 regeneration
- 4 Yejun Hu^{a,b,e,1}; Jisheng Ran^{c,d,1}; Zefeng Zheng^c; Zhangchu Jin^{a,b}; Xiao Chen^{a,b,e,j};
- 5 Zi Yin^{a,b,e}; Chenqi Tang^c; Yangwu Chen^c; Jiayun Huang^c; Huihui Le^c;
- Ruijian Yan^c; Ting Zhu^c; Junjuan Wang^{a,b}; Junxin Lin^{a,b}; Kan Xu^c; Yiting
- 7 Zhou^{a,h}; Wei Zhang^{c,d}; Youzhi Cai^{a,b}; Pioletti Dominiqueⁱ; Boon Chin
- 8 Heng^{f,g}; Weishan Chen^{c,d}; Weiliang Shen^{a,b,c,d,e,j*}; Hong-Wei Ouyang^{a,b,e,j*}
- 9 a Dr. Li Dak Sum & Yip Yio Chin Center for Stem Cell and Regenerative Medicine,
- 20 Zhejiang University, Zhejiang, 310000, China
- b Key Laboratory of Tissue Engineering and Regenerative Medicine of Zhejiang
- 12 Province, School of Medicine, Zhejiang University
- ^c Department of Orthopedic Surgery, 2nd Affiliated Hospital, School of Medicine,
- 14 Zhejiang University, China
- 15 d Orthopaedics Research Institute of Zhejiang University
- ^e Department of Sports Medicine, School of Medicine, Zhejiang University
- ^fDepartment of Endodontology, Faculty of Dentistry, The University of Hong Kong,
- 18 Pokfulam, Hong Kong
- 19 ^g Department of Biological Sciences, Faculty of Science and Technology, Sunway
- 20 University, Bandar Sunway, Selangor Darul Ehsan, Malaysia
- 21 h State Key Laboratory for Diagnosis and Treatment of Infectious Diseases,
- 22 Collaborative Innovation Center for Diagnosis and Treatment of Infectious Diseases,

Download English Version:

https://daneshyari.com/en/article/6482954

Download Persian Version:

https://daneshyari.com/article/6482954

<u>Daneshyari.com</u>