

Accepted Manuscript

Injectable gelatin derivative hydrogels with sustained vascular endothelial growth factor release for induced angiogenesis

Zhe Li, Tiejun Qu, Chen Ding, Chi Ma, Hongchen Sun, Shirong Li, Xiaohua Liu

PII: S1742-7061(14)00494-2

DOI: <http://dx.doi.org/10.1016/j.actbio.2014.11.002>

Reference: ACTBIO 3460

To appear in: *Acta Biomaterialia*

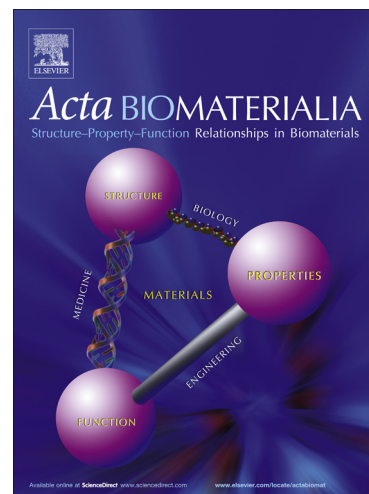
Received Date: 2 August 2014

Revised Date: 1 October 2014

Accepted Date: 3 November 2014

Please cite this article as: Li, Z., Qu, T., Ding, C., Ma, C., Sun, H., Li, S., Liu, X., Injectable gelatin derivative hydrogels with sustained vascular endothelial growth factor release for induced angiogenesis, *Acta Biomaterialia* (2014), doi: <http://dx.doi.org/10.1016/j.actbio.2014.11.002>

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.



Injectable gelatin derivative hydrogels with sustained vascular endothelial growth factor release for induced angiogenesis

Zhe Li^{a,b}, Tiejun Qu^{b,c}, Chen Ding^{b,d}, Chi Ma^b, Hongchen Sun^e, Shirong Li^{a*}, and

Xiaohua Liu^{b*}

^a Department of Plastic and Aesthetic Surgery, Southwest Hospital, Third Military Medical University, Chongqing, 400038, China

^b Department of Biomedical Sciences, Texas A&M University Baylor College of Dentistry, Dallas, TX 75246, USA

^c Department of Operative Dentistry & Endodontics, School of Stomatology, Fourth Military Medical University, Xi'an, 710032, China

^d West China Hospital, West China School of Medicine, Sichuan University, Chengdu, 610041, China

^e Department of Pathology, School of Stomatology, Jilin University, Changchun, 130021, China

*Correspondence to:

Xiaohua Liu, PhD
Assistant Professor
Department of Biomedical Sciences
Texas A&M University Baylor College of Dentistry
3302 Gaston Ave., Dallas, TX 75246
Phone: 214-370-7007
Fax: 214-874-4538
Email: xliu@bcd.tamhsc.edu

Shirong Li
Professor
Department of Plastic and Aesthetic Surgery, Southwest Hospital
Third Military Medical University
30 Gaotanyan Main Street, Chongqing, 400038, China
Phone: +8602368765851
Fax: +8602368765851
Email: sli1953@yahoo.com

Download English Version:

<https://daneshyari.com/en/article/6483706>

Download Persian Version:

<https://daneshyari.com/article/6483706>

[Daneshyari.com](https://daneshyari.com)