

## Accepted Manuscript

### Combination Therapy of Stem Cell Derived Neural Progenitors and Drug Delivery of Anti-Inhibitory Molecules for Spinal Cord Injury

Thomas S. Wilems, Jennifer Pardieck, Nisha Iyer, Shelly E. Sakiyama-Elbert

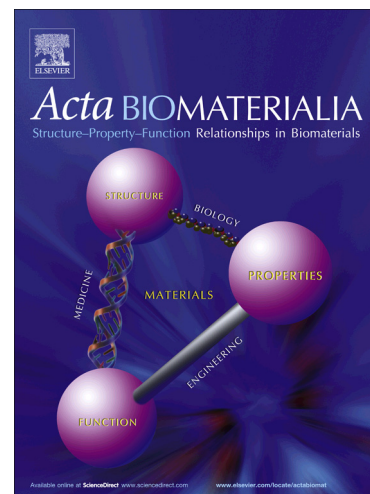
PII: S1742-7061(15)30112-4  
DOI: <http://dx.doi.org/10.1016/j.actbio.2015.09.018>  
Reference: ACTBIO 3883

To appear in: *Acta Biomaterialia*

Received Date: 18 June 2015  
Revised Date: 28 August 2015  
Accepted Date: 15 September 2015

Please cite this article as: Wilems, T.S., Pardieck, J., Iyer, N., Sakiyama-Elbert, S.E., Combination Therapy of Stem Cell Derived Neural Progenitors and Drug Delivery of Anti-Inhibitory Molecules for Spinal Cord Injury, *Acta Biomaterialia* (2015), doi: <http://dx.doi.org/10.1016/j.actbio.2015.09.018>

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.



Combination Therapy of Stem Cell Derived Neural Progenitors and Drug Delivery of  
Anti-Inhibitory Molecules for Spinal Cord Injury

Thomas S. Wilems, Jennifer Pardieck, Nisha Iyer, Shelly E. Sakiyama-Elbert

Department of Biomedical Engineering, Washington University, St. Louis, MO 63130

\* To whom correspondence should be addressed:

Shelly E. Sakiyama-Elbert

Department of Biomedical Engineering

1097 Brookings Dr.

Washington University in St. Louis

St. Louis, MO 63130

Ph: (314) 935-7556

Fax: (314) 935-7448

Email: sakiyama@wustl.edu

Keywords: - PLGA microspheres, lipid microtubes, chondroitinase ABC, NEP1-40,

controlled

release,

progenitor

motor

neurons

Download English Version:

<https://daneshyari.com/en/article/6483420>

Download Persian Version:

<https://daneshyari.com/article/6483420>

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