Accepted Manuscript

The combined application of human adipose derived stem cells and chondroitinase ABC in treatment of a spinal cord injury model

Arash Sarveazad, Asrin Babahajian, Mehrdad Bakhtiari, Mansoureh Soleimani, Babak Behnam, Abazar Yari, Abolfazl Akbari, Mahmoud Yousefifard, Atousa Janzadeh, Naser Amini, Shahram Agah, Ali Fallah, Mohammad Taghi Joghataei



PII: S0143-4179(16)30077-4

DOI: doi: 10.1016/j.npep.2016.07.004

Reference: YNPEP 1736

To appear in:

Received date: 11 June 2016 Revised date: 10 July 2016 Accepted date: 10 July 2016

Please cite this article as: Sarveazad, Arash, Babahajian, Asrin, Bakhtiari, Mehrdad, Soleimani, Mansoureh, Behnam, Babak, Yari, Abazar, Akbari, Abolfazl, Yousefifard, Mahmoud, Janzadeh, Atousa, Amini, Naser, Agah, Shahram, Fallah, Ali, Joghataei, Mohammad Taghi, The combined application of human adipose derived stem cells and chondroitinase ABC in treatment of a spinal cord injury model, (2016), doi: 10.1016/j.npep.2016.07.004

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

The combined application of human adipose derived stem cells and Chondroitinase ABC in

treatment of a spinal cord injury model

Arash Sarveazad^{1,2}, Asrin Babahajian³, Mehrdad Bakhtiari⁴, Mansoureh Soleimani^{2,4}, Babak Behnam^{5,6,7}, Abazar Yari⁸, Abolfazl Akbari¹, Mahmoud Yousefifard⁹, Atousa Janzadeh⁹, Naser Amini¹¹, Shahram Agah¹, Ali Fallah¹², Mohammad Taghi Joghataei^{2,4*}

- 1. Colorectal Research Center, Iran University of Medical Sciences, Tehran, Iran.
- 2. Cellular and Molecular Research Center, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran.
- 3. Liver & Digestive Research Center, Kurdistan University of Medical Sciences, Sanandaj, Iran.
- 4. Department of Anatomy, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran.
- 5. Department of Medical Genetics and Molecular Biology, Iran University of Medical Sciences (IUMS), Tehran, Iran
- 6. NIH Undiagnosed Diseases Program, Common Fund, Office of the Director, NIH, Bethesda, Maryland, USA Office of the Clinical Director, NHGRI, National Institutes of Health, Bethesda, Maryland, USA.
- 7. Present address: NIH Undiagnosed Diseases Program, Office of the Clinical Director, NHGRI, National Institutes of Health, Bethesda, Maryland, USA
- 8. Department of Anatomy, Faculty of Medicine, Alborz University of Medical Sciences, Karaj, Iran.
- 9. Physiology Research Center, School of Medicine, Iran University of Medical Sciences, Tehran, Iran.
- 10. Department of Neuroscience, School of Advanced Technologies in Medicine, Tehran University of Medical Sciences, Tehran, Iran.
- 11. Mede Bioeconomy Company, Tehran, Iran.

*Corresponding author: Mohammad Taghi Joghataei, Cellular and Molecular Research Center, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran. Tel/FAX: +982188058689; Email: Mt.joghataei@yahoo.com

Download English Version:

https://daneshyari.com/en/article/8633785

Download Persian Version:

https://daneshyari.com/article/8633785

<u>Daneshyari.com</u>