Accepted Manuscript

Ethanol-induced Damage to the Developing Spinal Cord: The Involvement of CCR2 Signaling

Zhenhua Ren, Xin Wang, Fanmuyi Yang, Mei Xu, Jacqueline A. Frank, Haiping Wang, Siying Wang, Zun-ji Ke, Jia Luo

 PII:
 S0925-4439(17)30270-3

 DOI:
 doi:10.1016/j.bbadis.2017.07.035

 Reference:
 BBADIS 64847

To appear in: BBA - Molecular Basis of Disease

Received date:2 May 2017Revised date:19 July 2017Accepted date:31 July 2017



Please cite this article as: Zhenhua Ren, Xin Wang, Fanmuyi Yang, Mei Xu, Jacqueline A. Frank, Haiping Wang, Siying Wang, Zun-ji Ke, Jia Luo, Ethanol-induced Damage to the Developing Spinal Cord: The Involvement of CCR2 Signaling, *BBA - Molecular Basis of Disease* (2017), doi:10.1016/j.bbadis.2017.07.035

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

Ethanol-induced Damage to the Developing Spinal Cord: The Involvement of CCR2 Signaling

Zhenhua Ren^{1,2}, Xin Wang², Fanmuyi Yang², Mei Xu², Jacqueline A. Frank ², Haiping Wang², Siying Wang^{1,2}, Zun-ji Ke³, Jia Luo^{2, 3,#}

- 1. Department of Anatomy, School of Basic Medicine, Anhui Medical University, Hefei, Anhui, China 230032
- Department of Pharmacology and Nutritional Sciences, University of Kentucky College of Medicine, Lexington, KY 40536
- Department of Biochemistry, Shanghai University of Traditional Chinese Medicine, Shanghai, China 201203

Correspondence author: Jia Luo, Department of Pharmacology and Nutritional Sciences, University of Kentucky College of Medicine, 132 Health Sciences Research Building, 1095 Veterans Drive, Lexington, Kentucky 40536. E-mail: jialuo888@uky.edu; Tel: 859-323-3036; Fax: 859-257-0199.

Key words: Alcohol; apoptosis, development; inflammation; neurodegeneration

Running title: Developmental ethanol exposure causes spinal cord damage

Download English Version:

https://daneshyari.com/en/article/8258857

Download Persian Version:

https://daneshyari.com/article/8258857

Daneshyari.com