Accepted Manuscript

Possible involvement of hippocampal immediate—early genes in contextual fear memory deficit induced by cranial irradiation

Yeonghoon Son, Sohi Kang, Jinwook Kim, Sueun Lee, Jong-Choon Kim, Sung-Ho Kim, Joong-Sun Kim, Sung-Kee Jo, Uhee Jung, BuHyun Youn, Taekyun Shin, Miyoung Yang, Changjong Moon

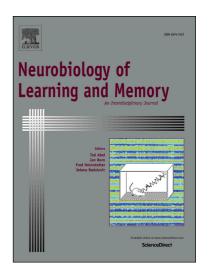
PII: \$1074-7427(16)30066-1

DOI: http://dx.doi.org/10.1016/j.nlm.2016.05.012

Reference: YNLME 6449

To appear in: Neurobiology of Learning and Memory

Received Date: 9 December 2015 Revised Date: 23 May 2016 Accepted Date: 28 May 2016



Please cite this article as: Son, Y., Kang, S., Kim, J., Lee, S., Kim, J-C., Kim, S-H., Kim, J-S., Jo, S-K., Jung, U., Youn, B., Shin, T., Yang, M., Moon, C., Possible involvement of hippocampal immediate—early genes in contextual fear memory deficit induced by cranial irradiation, *Neurobiology of Learning and Memory* (2016), doi: http://dx.doi.org/10.1016/j.nlm.2016.05.012

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

Possible involvement of hippocampal immediate—early genes in contextual fear memory deficit induced by cranial irradiation

Yeonghoon Son ^{a,1}, Sohi Kang ^{a,1}, Jinwook Kim ^a, Sueun Lee ^a, Jong-Choon Kim ^a, Sung-Ho Kim ^a, Joong-Sun Kim ^b, Sung-Kee Jo ^c, Uhee Jung ^c, BuHyun Youn ^d, Taekyun Shin ^e, Miyoung Yang ^{f,**}, Changjong Moon ^{a,*}

- * Corresponding author: Changjong Moon, Department of Veterinary Anatomy, College of Veterinary Medicine, Chonnam National University, 77 Yongbong-ro, Buk-Gu, Gwangju 61186, Korea. E-mail: moonc@chonnam.ac.kr (C. Moon), Tel.: +82 62 530 2838; Fax.: +82 62 530 2941
- ** Co-corresponding author: Miyoung Yang, Department of Anatomy, School of Medicine, Wonkwang University, 460 Iksandae-ro, Iksan, Jeonbuk 54538, South Korea. E-mail: yangm@wku.ac.kr (M. Yang), Tel.: +82 63 850 6758

^a Department of Veterinary Anatomy, College of Veterinary Medicine and Animal Medical Institute, Chonnam National University, Gwangju 61186, South Korea

^b Research Center, Dongnam Institute of Radiological & Medical Sciences (DIRAMS), Busan 46033, South Korea

^c Radiation Research Division for Bio-Technology Institute, Jeongeup Campus of Korea Atomic Energy Research Institute, Jeonbuk 56212, South Korea

^d Department of Integrated Biological Science, Pusan National University, Busan 46241, South Korea

^e Department of Veterinary Anatomy, College of Veterinary Medicine, Jeju National University, Jeju 63243, South Korea

^f Department of Anatomy, School of Medicine and Institute for Environmental Science, Wonkwang University, Jeonbuk 54538, South Korea

¹ These first two authors contributed equally to this work.

Download English Version:

https://daneshyari.com/en/article/7299043

Download Persian Version:

https://daneshyari.com/article/7299043

Daneshyari.com