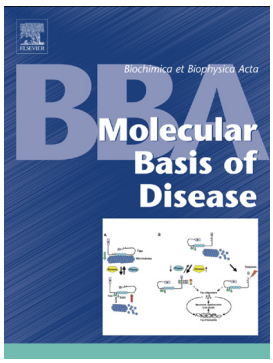

Oral pioglitazone ameliorates fructose-induced peripheral insulin resistance and hippocampal gliosis but not restores inhibited hippocampal adult neurogenesis

Wen-Chung Liu, Chih-Wei Wu, You-Lin Tain, Mu-Hui Fu, Chun-Ying Hung, I-Chun Chen, Lee-Wei Chen, Kay L.H. Wu

PII: S0925-4439(17)30381-2
DOI: doi:10.1016/j.bbadis.2017.10.017
Reference: BBADIS 64929

To appear in:

Received date: 22 April 2017
Revised date: 13 September 2017
Accepted date: 12 October 2017

Please cite this article as: Wen-Chung Liu, Chih-Wei Wu, You-Lin Tain, Mu-Hui Fu, Chun-Ying Hung, I-Chun Chen, Lee-Wei Chen, Kay L.H. Wu , Oral pioglitazone ameliorates fructose-induced peripheral insulin resistance and hippocampal gliosis but not restores inhibited hippocampal adult neurogenesis. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbadis(2017), doi:10.1016/j.bbadis.2017.10.017

Oral pioglitazone ameliorates fructose-induced peripheral insulin resistance and hippocampal gliosis but not restores inhibited hippocampal adult neurogenesis

Wen-Chung Liu [1,2§], Chih-Wei Wu [3§], You-Lin Tain [3,4,5], Mu-Hui Fu [6,7], Chun-Ying Hung [3], I-Chun Chen [6], Lee-Wei Chen[1,8] and Kay L.H. Wu [3,9]

[§]Authors sharing equal contribution.

[1] Plastic surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan.

[2] Department of Surgery, School of medicine, National Yang-Ming University, Taipei, Taiwan, Republic of China.

[3] Institute for Translational Research in Biomedicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, 83301, Taiwan, Republic of China.

[4] Department of Pediatrics, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, 83301, Taiwan, Republic of China.

[5] Chang Gung University, College of Medicine, Kaohsiung, Taiwan, Republic of China.

[6] Department of Neurology, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, 83301, Taiwan, Republic of China.

[7] Chang Gung University College of Medicine, Kaohsiung, Taiwan, Republic of China.

[8] Institute of Emergency and Critical Care Medicine, National Yang-Ming University, Taipei, Taiwan, Republic of China.

[9] Department of Senior Citizen Services, National Tainan Institute of Nursing, Tainan 700, Taiwan, Republic of China.

Correspondence: Kay L.H. Wu, PhD, DVM

(Email: klhwu@cgmh.org.tw, wlh0701@yahoo.com.tw)