



CORRECTION

Author Correction: Shenqi Fuzheng Injection attenuates irradiation-induced brain injury in mice via inhibition of the NF- κ B signaling pathway and microglial activationJian Zhang¹, Fan Tong¹, Qian Cai¹, Ling-juan Chen¹, Ji-hua Dong², Gang Wu¹ and Xiao-rong Dong¹*Acta Pharmacologica Sinica* (2023) 44:1519–1520; <https://doi.org/10.1038/s41401-023-01050-5>

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The authors are very sorry for two mistakes in the Fig. 6C: the images of Western blotting showing β -Actin images of RT and B2RT groups in Fig. 6C were provided incorrectly. Because we conducted the Western blotting for PIDD at the time points: 0 h, 3 h, 6 h, 24 h, 48 h, 72 h, 1 week, 2 week and 4 week after irradiation at the beginning of the test, and then found that the result at 0 h time point was insignificant. Therefore, the time point of 0 h was discarded in the results of Western blotting for PIDD in the groups. And so in the β -Actin of the RT group, there

were 9s planes in RT group (the first plane of the 9 planes was for the 0 h time point). Sad to say, the first plane for 0 h in the β -Actin of the RT group was forgotten to discard due to our negligence. In addition, during the preparation of the β -Actin image for the B2RT, confusion was made with the RT group. And the right PIDD image for B2RT group was shown in the corrected Fig. 6C. These errors were made completely by accident, due to our negligence. The results and the ultimate conclusion of the original article were not affected. The corrected figures are presented as following. The authors deeply apologize for any inconvenience caused to the Journal and readers.

¹Cancer Center, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430022, China and ²Experimental Center, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430022, China

Correspondence: Xiao-rong Dong (tongfan.1986@163.com)

These authors contributed equally: Jian Zhang, Fan Tong

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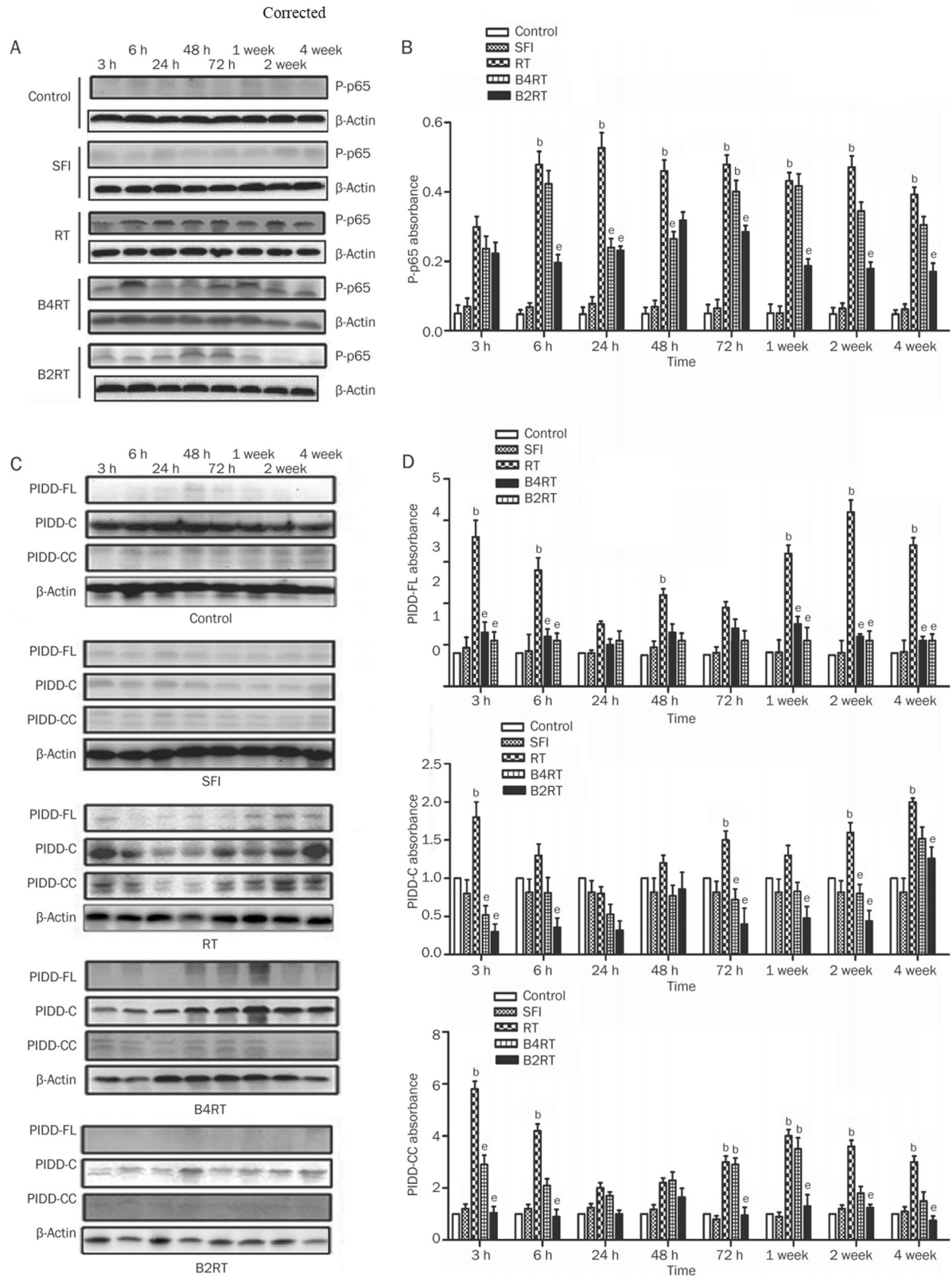


Fig. 6 Up-regulation of PIDD expression and inhibition of NF- κ B activation in mice with irradiation-induced brain injury. (A) Western blotting analysis for phosphorylated p65 (p-p65). (B) Relative quantity analysis for Western blotting of p-p65. ^b $P < 0.05$ vs control; ^e $P < 0.05$ vs RT-only group. (C) Western blotting analysis for PIDD-FL, PIDD-C and PIDD-CC. (D) Relative quantity analysis for Western blotting of PIDD-FL, PIDD-C and PIDD-CC. ^b $P < 0.05$ vs Control; ^e $P < 0.05$ vs RT-only group.