

# Supplementary Materials: Carbon Ion Irradiated Neural Injury Induced the Peripheral Immune Effects *in Vitro* or *in Vivo*

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Table S1. Primers' sequence.

Name	Forward (5'-3')	Reverse (5'-3')
c-kit	GATGCTCAAACCAAGTGCCC	GCGCCAAGCAGGTTTACAAT
Sca1	ACCCCTATGAGTCCAGGCAT	CCGCTCTTGTCATTGAGGGT
Rag1	CCCGTGGACGCTAAACTCA	ATCTGCCTTCACGTCGATCC
Rag2	TCAGGACGGGCTGTCTTTTC	TGCAATTCAGTCTGGGGTA
GAPDH	CTCATGACCACAGTCCATGC	TTCAGCTCTGGGATGACCTT

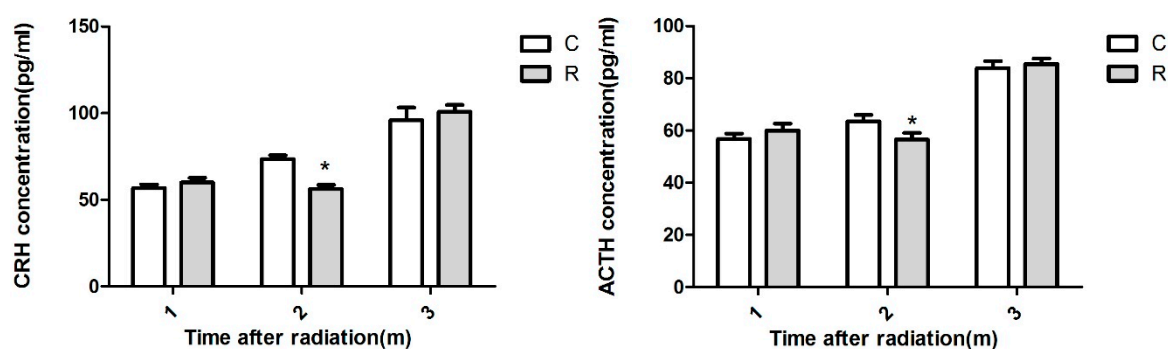


Figure S1. Concentrations of corticotrophin-releasing hormone (CRH) and adrenocorticotrophic hormone (ACTH) in the peripheral blood. C: control group (mock irradiated). R: Brain-localized radiation group. m: month.  $n = 7$ . \*  $p < 0.05$ .

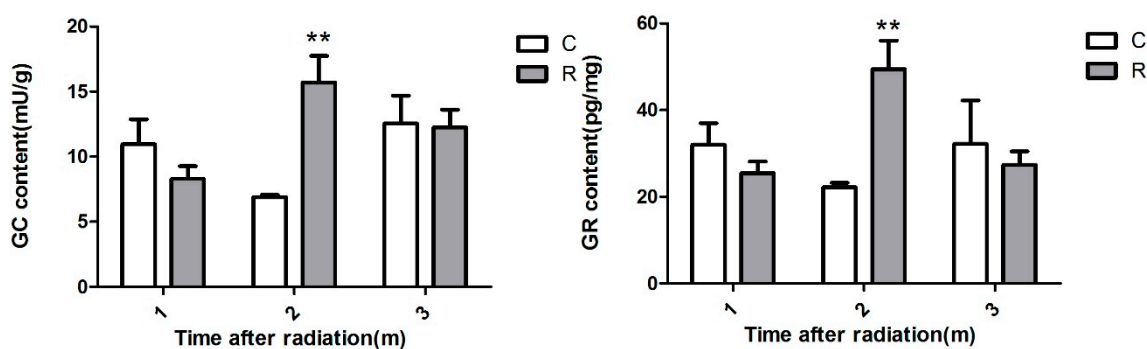


Figure S2. Concentrations of glucocorticoids (GC) and glucocorticoid receptor (GR) in thymus. C: control group (mock irradiated). R: Brain-localized radiation group. m: month.  $n = 7$ . \*\*  $p < 0.01$ .