Erratum to: Anti-apoptotic, anti-inflammatory and immunomodulatory activities of 3,3'-diselenodipropionic acid in mice exposed to whole body γ -radiation

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In the original publication of this article, Fig. 3 was incomplete and Fig. 5b required changes in the labeling, which are corrected below:

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Fig. 3 Inhibition of γ -radiation (5 Gy)-induced apoptosis in intestinal cells of mice by DSePA. **a** Representative fluorescence images of the sections of the intestinal tissue after TUNEL staining, the fluorescence emissions from TUNEL positive cells are pseudo colored as red and counterstaining by nucleus-specific DAPI probe indicates the total

number of cells, $20\times$ magnification ($n=5$); **b** spectrofluorometric analysis of caspase-3 activity (mean $\pm$ SEM, $n=5$), $*P<0.05$ as compared to the sham control group, $^{\#}P<0.05$ as compared to the irradiated group; **c** representative electrophoretic patterns of BAX and Bcl-2 genes after RT-PCR ($n=5$). IR irradiation (color figure online)

Fig. 5 Effect of DSePA against γ -radiation (7 Gy)-induced intestinal inflammation on fifth day post-irradiation as monitored by **a** RT-PCR analysis of *TGF β 1*, *TNF- α* , *COX-2* and *iNOS* genes, the electrophoretic patterns shown are representative of five biological replicates ($n = 5$), *IR* irradiation, **b** histopathological examination of the leukocyte infiltration in the intestinal tissue sections after hematoxylin and

eosin staining, the figures shown are representative of five biological replicates ($n = 5$), 40 $\times$ magnification, *E* enterocytes, *L* Leukocytes, **c** quantification of leukocytes counts by analyzing five tissue sections/mouse (mean $\pm$ SEM, $n = 5$), * $P < 0.05$ as compared to the sham control group, # $P < 0.05$ as compared to the irradiated group