

Erratum to: Post-ischemic early acidosis in cardiac postconditioning modifies the activity of antioxidant enzymes, reduces nitration, and favors protein S-nitrosylation

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The original publication of this article contains a mistake. In Fig 5 and in Fig 6 the same controls were incorrectly assembled for the final version of the figures and the correct controls are now shown. Moreover, we disclose in the legends that the presented bands were not juxtaposed in the original films.

Erratum for the Fig 5 and Fig 6 of the article: Penna, C., Perrelli, M.-G., Tullio, F., Moro, F., Parisella, M.L., Merlino, A., Pagliaro, P. Post-ischemic early acidosis in cardiac postconditioning modifies the activity of antioxidant enzymes, reduces nitration, and favors protein S-nitrosylation (2011) Pflugers Archiv European Journal of Physiology, 462 (2), pp. 219-233.

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Fig. 5 Antioxidant enzyme protein levels analyzed by Western blot in Sham, ischemia/reperfusion (I/R), postconditioning (PostC), and acid buffer (AB) hearts. **a–c** Mn/SOD, Cu–Zn/SOD and catalase, respectively, at 7th min of reperfusion. **d–f** Mn/SOD, Cu–Zn/SOD and Catalase, respectively, at 120th min of reperfusion. Presented bands were not juxtaposed in the original films. Data in bar graph are mean (\pm SE) and are presented as percent variation of baseline level. $^{**}p < 0.01$ vs. Sham, $^{##}p < 0.01$ vs. I/R. $n = 6$ for each group (for further explanation, see text)

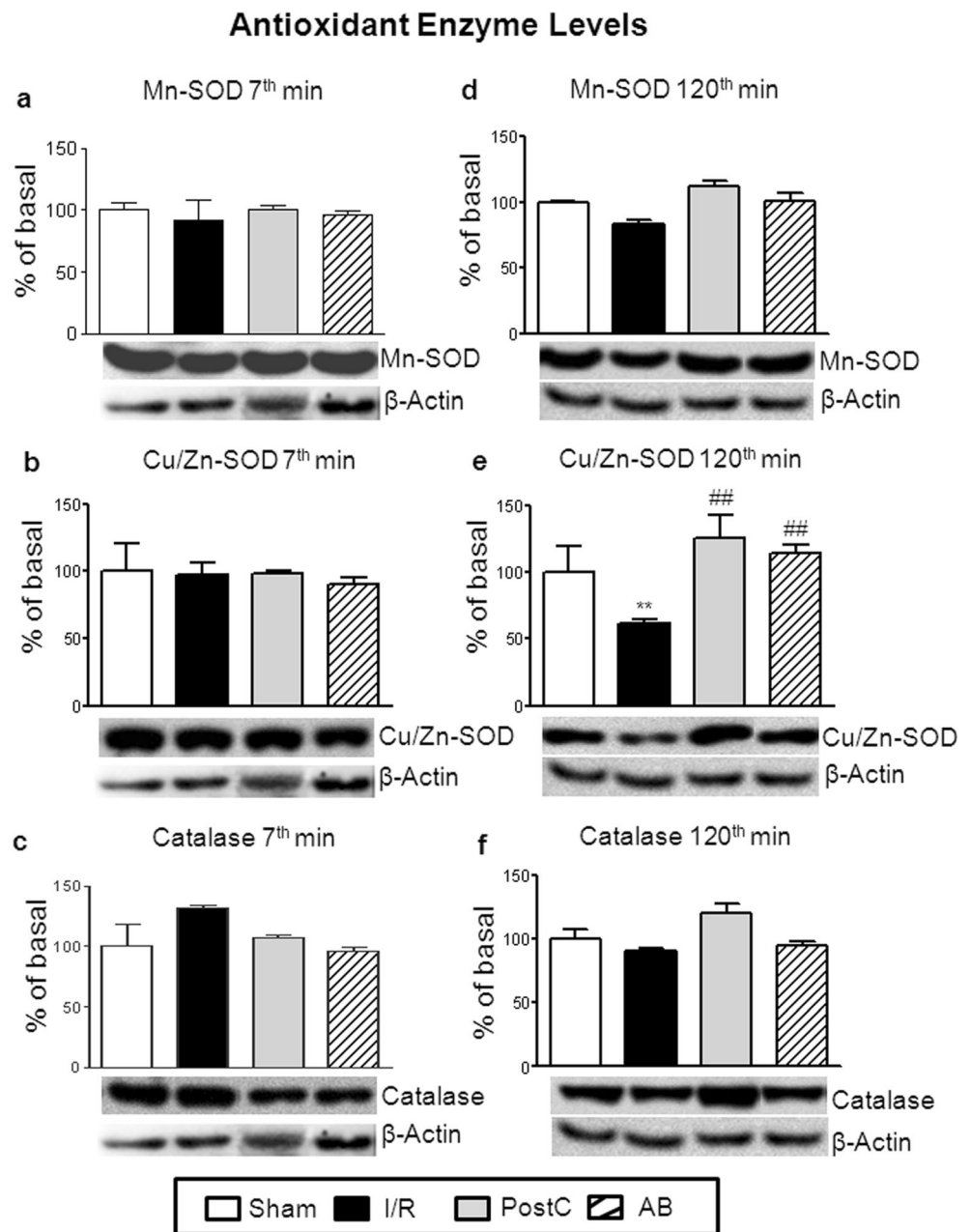


Fig. 6 S-nitrosylated proteins in Sham, ischemia/reperfusion (I/R), postconditioning (PostC), and PostC+SOD hearts. **a, c** Representative blots of S-nitrosylated proteins in rat heart homogenates at 7th and 120th min of reperfusion, respectively. To control the specificity of the biotin switch assay, ascorbate has been omitted in Sham samples (-Asc). Presented bands were not juxtaposed in the original films. **b, d** The bar graphs are means (\pm SE) of band concentrations at 7th and 120th min of reperfusion, respectively. Data are presented as percent variation of baseline level. * p <0.05, ** p <0.01 vs. Sham; # p <0.05 vs. I/R; § p <0.05 vs. PostC; § p <0.05 vs. corresponding group at the 7th min of reperfusion. NS nonsignificant. $n=6$ for each group

