Endoplasmic reticulum stress preconditioning attenuates methylmercury-induced cellular damage by inducing favorable stress responses

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Fig. 1

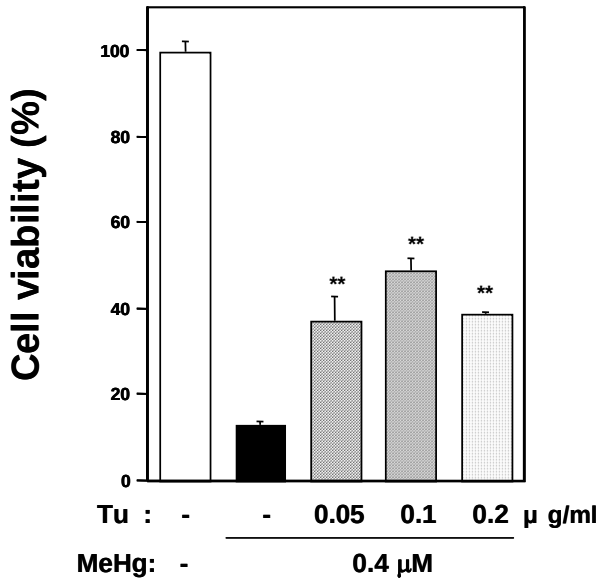
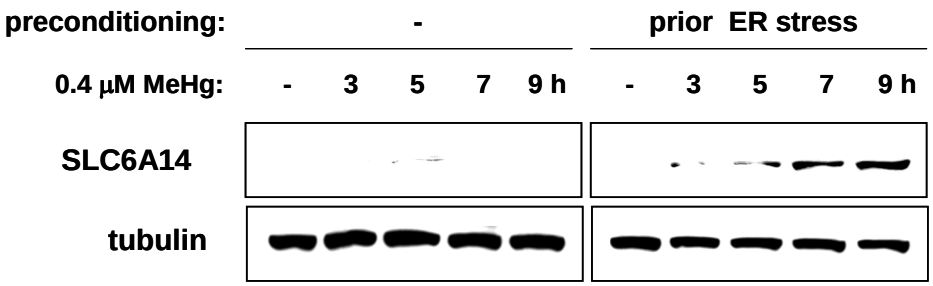


Fig. 2



Supplementary figure legends

Fig. 1. Effect of pretreatment with tunicamycin (Tu) on MeHg cytotoxicity. Cell viability of C2C12-DMPK 160 cells pretreated with Tu 16 h before exposure to 0.5 μM MeHg was determined. Pretreatment with Tu (0.05-0.2 μg/ml) attenuated MeHg cytotoxicity. The viability of untreated cells was regarded as 100%. Values represent means ± SE (n=6). **Significantly different from Tu-untreated cells by a one-way

ANOVA ($^{**}p < 0.01$).

Fig. 2. Effect of pretreatment with TPG on the expression of amino acid transporter SLC6A14. Western blots of C2C12-DMPK160 cells pretreated with 0.1 μg/ml TPG for 16h were analyzed with the indicated antibody probes. Although cropped blots were used, the gels were run under the same experimental condition. Representative images of 3 samples are shown.