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Erratum

In the original article by Syeda, et al., entitled „Inhibition of Prenylation Promotes Caspase 3 Activation, Lamin B Degradation and Loss in Metabolic Cell Viability in Pancreatic B-Cells“ [Cell Physiol Biochem 2017;43(3):1052-1063, DOI: 10.1159/000481702], there has been a mistake in the Fig. 4 (the panels A-D from Fig. 3 are repeated in Fig. 4). The correct Fig. 4 is displayed below. The authors confirm that all of the results and conclusions of the article remain unchanged, as well as the figure legend.

The authors sincerely apologize for this mistake.

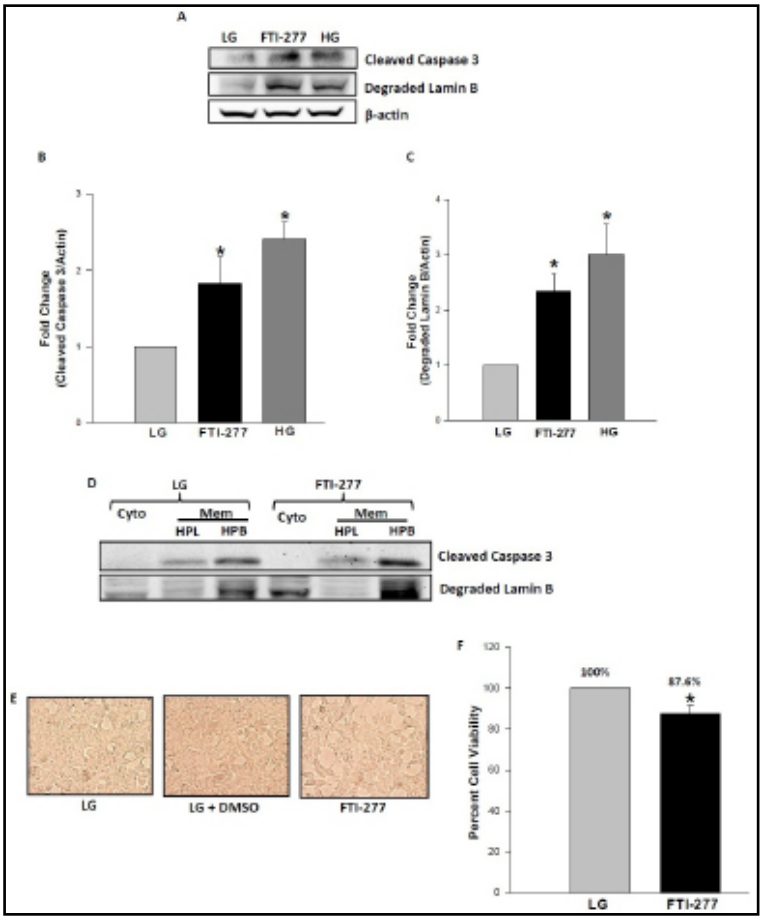

Fig. 4. FTI-277 induces caspase-3 activation, lamin degradation and loss in cell viability in INS-1 832 cells. Panel A: INS-1 832/13 cells were incubated in a medium containing low glucose (2.5 mM; LG) in the absence and presence of FTI-277 (10 μM) for 24 hrs. Caspase 3 activation and lamin B degradation for each condition was determined by Western blotting (Panel A). Equal protein loading was ensured by re-probing the membrane with anti β-actin. Intensity of protein bands was quantified by densitometry. Data represent mean ± SEM from three independent experiments, and are expressed as fold change in caspase 3 activation (Panel B) and lamin B degradation (Panel C). *P<0.05 vs. LG. Panel D: Lysates from INS-1 832/13 cells treated with low glucose (2.5 mM) in the absence and presence of FTI-277 (10 μM) were subjected to a single-step centrifugation to separate the supernatant cytosolic (Cyto) and the membrane-pellet (Mem) fractions followed by hydrophobic (HPB) and hydrophilic (HPL) phase partitioning with Triton X-114 detergent [23,24]. The lysate proteins were resolved by SDS-PAGE and transferred to a nitrocellulose membrane. The membrane was probed for cleaved caspase 3 and lamin B. A representative blot from two independent experiments is shown here. Panel E: INS-1 832/13 cells were treated with media containing low glucose (2.5 mM; LG) alone and in the presence of diluent (DMSO), FTI-277 (10 μM) for 24 hrs. Changes in cell morphology were visualized by light microscopy. Panel F: INS-1 832/13 cells were treated with low glucose (2.5 mM; LG) in the absence and presence of FTI-277 (10 μM). After 24 hrs. cell viability was assessed by the MTT assay. Data represent mean ± SEM and are expressed as percent cell viability. *P<0.05 vs. LG.