Erratum to: Methylglyoxal impairs insulin signalling and insulin action on glucose-induced insulin secretion in the pancreatic beta cell line INS-1E

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Unfortunately there was a mistake in Fig. 6c in the line indicating the presence or absence of MGO in the incubation medium. The corrected figure part follows.

Fig. 6 Effect of MGO on glucose-induced phosphorylation of PKB and on gene expression in INS-1E cells. INS-1E cells were incubated (a) for 30 min with 0.5 mmol/l MGO or (b) for 24 h with 0.05 or 0.1 mmol/l MGO, and thereafter stimulated for 30 min with 2.8 or 20 mmol/l glucose. Next the cells were solubilised and aliquots of the extracts were subjected to western blot analysis with antibodies to phospho-PKB or PKB and analysed by densitometry. INS-1E cells were incubated (c) for 30 min without or with 0.5 mmol/l MGO in absence or presence of 25 μmol/l LY294002 or (d) for 24 h with 0.05 or 0.1 mmol/l MGO, and thereafter they were stimulated for 30 min with 2.8 or 20 mmol/l glucose. Total RNA was extracted and *Pdx1*, *Ins1* and *Gck* mRNA was measured by quantitative RT-PCR using 18 s as internal standard. Results shown are representative of three separate experiments. Error bars show SD; **p*<0.05, ***p*<0.01

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